

GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: July 1, 2005, 16:04:06 ; Search time 88 Seconds.
(without alignments)
185.941 Million cell updates/sec

Title: US-09-813-824B-3
Perfect score: 10
Sequence: 1 rrrcwggyy 10

Scoring table: OLIGO_NUC
Gapop_60.0 , Gapext 60.0

Searched: 1202784 seqs, 818138359 residues

Word size : 0
Total number of hits satisfying chosen parameters: 1330268

Minimum DB seq length: 0
Maximum DB seq length: 100

Post-processing: Listing first 1000 summaries

Database : Issued Patents, NA.*
1: /cgn2_6/prodata/1/ina/5A COMB.seq.*
2: /cgn2_6/prodata/1/ina/5B COMB.seq.*
3: /cgn2_6/prodata/1/ina/6A COMB.seq.*
4: /cgn2_6/prodata/1/ina/6B COMB.seq.*
5: /cgn2_6/prodata/1/ina/PCTUS COMB.seq.*
6: /cgn2_6/prodata/1/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	10	100.0	10	1	US-08-330-535A-30
2	10	100.0	10	1	US-08-330-535A-30
3	10	100.0	10	1	US-08-688-145-3
4	10	100.0	10	1	US-08-688-145-3
5	10	100.0	10	2	US-08-838-844-30
6	10	100.0	10	2	US-08-838-844-30
7	10	100.0	10	2	US-08-299-074A-3
8	10	100.0	10	2	US-08-299-074A-3
9	10	100.0	10	3	US-09-173-914-29
10	10	100.0	10	3	US-09-173-914-29
11	10	100.0	10	3	US-09-399-773-3
12	10	100.0	10	3	US-09-399-773-3
13	10	100.0	10	4	US-09-928-385B-24
14	10	100.0	10	4	US-09-928-385B-24
15	10	100.0	10	4	US-08-260-190-21
16	10	100.0	10	4	US-08-260-190-21
17	10	100.0	20	3	US-09-210-748A-6
18	10	100.0	20	3	US-09-210-748A-6
19	10	100.0	20	4	US-09-939-581A-6
20	10	100.0	20	4	US-09-939-581A-6
21	10	100.0	21	2	US-08-713-052-4
22	10	100.0	21	2	US-08-713-052-4
23	9	90.0	9	3	US-08-446-668-8
24	9	90.0	9	3	US-08-446-668-8
25	7	70.0	7	3	US-09-196-099-15
26	7	70.0	7	3	US-09-196-099-15
27	5	50.0	5	2	US-08-299-074A-39

c 28	5	50.0	5	2	US-08-299-074A-39	Sequence 39, Appl
c 29	5	50.0	5	3	US-09-398-773-39	Sequence 39, Appl
c 30	5	50.0	5	3	US-09-398-773-39	Sequence 39, Appl
c 31	5	50.0	20	1	US-08-474-542A-134	Sequence 134, App
c 32	5	50.0	20	1	US-08-474-542A-134	Sequence 134, App
c 33	5	50.0	20	1	US-08-457-648-134	Sequence 134, App
c 34	5	50.0	20	1	US-08-457-648-134	Sequence 134, App
c 35	4	40.0	10	1	US-08-259-612A-9	Sequence 9, Appl
c 36	4	40.0	10	1	US-08-259-612A-9	Sequence 9, Appl
c 37	4	40.0	10	1	US-08-644-291-9	Sequence 9, Appl
c 38	4	40.0	10	1	US-08-644-291-9	Sequence 9, Appl
c 39	4	40.0	19	4	US-09-672-717-212	Sequence 212, App
c 40	4	40.0	19	4	US-09-672-717-212	Sequence 212, App
c 41	4	40.0	20	1	US-08-474-542A-133	Sequence 133, App
c 42	4	40.0	20	1	US-08-474-542A-133	Sequence 133, App
c 43	4	40.0	20	1	US-08-474-542A-135	Sequence 135, App
c 44	4	40.0	20	1	US-08-474-542A-135	Sequence 135, App
c 45	4	40.0	20	1	US-08-457-648-133	Sequence 133, App
c 46	4	40.0	20	1	US-08-457-648-133	Sequence 133, App
c 47	4	40.0	20	1	US-08-457-648-135	Sequence 135, App
c 48	4	40.0	20	1	US-08-457-648-135	Sequence 135, App
c 49	4	40.0	20	2	US-08-657-828A-3	Sequence 3, Appl
c 50	4	40.0	20	2	US-08-657-828A-3	Sequence 3, Appl
c 51	4	40.0	20	3	US-09-260-420-3	Sequence 3, Appl
c 52	4	40.0	20	3	US-09-260-420-3	Sequence 3, Appl
c 53	4	40.0	27	1	US-07-959-119A-8	Sequence 8, Appl
c 54	4	40.0	27	1	US-07-959-119A-8	Sequence 8, Appl
c 55	4	40.0	27	1	US-07-959-119A-9	Sequence 9, Appl
c 56	4	40.0	27	1	US-07-959-119A-9	Sequence 9, Appl
c 57	4	40.0	27	2	US-08-471-994-7	Sequence 7, Appl
c 58	4	40.0	27	2	US-08-471-994-7	Sequence 7, Appl
c 59	4	40.0	27	2	US-08-471-994-11	Sequence 11, Appl
c 60	4	40.0	27	2	US-08-471-994-11	Sequence 11, Appl
c 61	4	40.0	27	3	US-08-154-364-7	Sequence 7, Appl
c 62	4	40.0	27	3	US-08-154-364-7	Sequence 7, Appl
c 63	4	40.0	27	4	US-08-397-335-8	Sequence 8, Appl
c 64	4	40.0	27	4	US-08-397-335-8	Sequence 8, Appl
c 65	4	40.0	27	4	US-08-397-335-9	Sequence 9, Appl
c 66	4	40.0	27	4	US-08-397-335-9	Sequence 9, Appl
c 67	3	30.0	6	4	US-09-347-343-1	Sequence 1, Appl
c 68	3	30.0	6	4	US-09-347-343-1	Sequence 1, Appl
c 69	3	30.0	6	4	US-09-347-343-2	Sequence 2, Appl
c 70	3	30.0	6	4	US-09-347-343-2	Sequence 2, Appl
c 71	3	30.0	6	4	US-09-936-552A-4	Sequence 4, Appl
c 72	3	30.0	6	4	US-09-936-552A-4	Sequence 4, Appl
c 73	3	30.0	6	4	US-09-263-692A-8	Sequence 8, Appl
c 74	3	30.0	6	4	US-09-263-692A-8	Sequence 8, Appl
c 75	3	30.0	8	3	US-08-646-301A-9	Sequence 9, Appl
c 76	3	30.0	8	3	US-08-646-301A-9	Sequence 9, Appl
c 77	3	30.0	8	4	US-09-305-839-41	Sequence 41, Appl
c 78	3	30.0	8	4	US-09-305-839-41	Sequence 41, Appl
c 79	3	30.0	8	4	US-09-347-343-3	Sequence 3, Appl
c 80	3	30.0	8	4	US-09-347-343-3	Sequence 3, Appl
c 81	3	30.0	8	4	US-09-347-343-4	Sequence 4, Appl
c 82	3	30.0	8	4	US-09-347-343-4	Sequence 4, Appl
c 83	3	30.0	8	4	US-09-263-692A-7	Sequence 7, Appl
c 84	3	30.0	8	4	US-09-263-692A-7	Sequence 7, Appl
c 85	3	30.0	9	1	US-07-882-838E-1	Sequence 1, Appl
c 86	3	30.0	9	1	US-07-882-838E-1	Sequence 1, Appl
c 87	3	30.0	9	1	US-08-643-886-11	Sequence 11, Appl
c 88	3	30.0	9	1	US-08-643-886-11	Sequence 11, Appl
c 89	3	30.0	10	1	US-08-122-433-34	Sequence 34, Appl
c 90	3	30.0	10	1	US-08-122-433-34	Sequence 34, Appl
c 91	3	30.0	10	1	US-08-643-886-1	Sequence 1, Appl
c 92	3	30.0	10	1	US-08-643-886-1	Sequence 1, Appl
c 93	3	30.0	10	1	US-08-643-886-12	Sequence 12, Appl
c 94	3	30.0	10	1	US-08-643-886-12	Sequence 12, Appl
c 95	3	30.0	10	2	US-08-472-809B-5	Sequence 5, Appl
c 96	3	30.0	10	2	US-08-472-809B-5	Sequence 5, Appl
c 97	3	30.0	10	2	US-08-481-658B-23	Sequence 23, Appl
c 98	3	30.0	10	2	US-08-481-658B-23	Sequence 23, Appl
c 99	3	30.0	10	2	US-08-477-504A-23	Sequence 23, Appl
c 100	3	30.0	10	2	US-08-477-504A-23	Sequence 23, Appl

c 101	3	30.0	10	2	US-08-486-756A-23	Sequence 23, Appl	c 174	3	30.0	14	3	US-09-305-639-7	Sequence 7, Appl
c 102	3	30.0	10	2	US-08-486-756A-23	Sequence 23, Appl	c 175	3	30.0	14	3	US-09-305-384-8	Sequence 8, Appl
c 103	3	30.0	10	2	US-08-485-862B-23	Sequence 23, Appl	c 176	3	30.0	14	3	US-09-305-384-8	Sequence 8, Appl
c 104	3	30.0	10	2	US-08-485-862B-23	Sequence 23, Appl	c 177	3	30.0	14	4	US-09-318-138-22	Sequence 22, Appl
c 105	3	30.0	10	2	US-08-787-739-23	Sequence 23, Appl	c 178	3	30.0	14	4	US-09-318-138-22	Sequence 22, Appl
c 106	3	30.0	10	3	US-08-787-739-23	Sequence 23, Appl	c 179	3	30.0	14	4	US-09-525-160B-10	Sequence 10, Appl
c 107	3	30.0	10	3	US-08-742-877-13	Sequence 13, Appl	c 180	3	30.0	14	4	US-09-525-160B-10	Sequence 10, Appl
c 108	3	30.0	10	3	US-08-742-877-13	Sequence 13, Appl	c 181	3	30.0	14	5	PCT-US94-06456-4	Sequence 4, Appl
c 109	3	30.0	10	3	US-08-487-077A-23	Sequence 23, Appl	c 182	3	30.0	14	5	PCT-US94-06456-4	Sequence 4, Appl
c 110	3	30.0	10	3	US-08-487-077A-23	Sequence 23, Appl	c 183	3	30.0	14	5	PCT-US94-06456-33	Sequence 33, Appl
c 111	3	30.0	10	3	US-08-726-807B-47	Sequence 47, Appl	c 184	3	30.0	14	5	PCT-US94-06456-33	Sequence 33, Appl
c 112	3	30.0	10	3	US-08-726-807B-47	Sequence 47, Appl	c 185	3	30.0	15	1	US-08-643-886-5	Sequence 5, Appl
c 113	3	30.0	10	3	US-08-485-863A-23	Sequence 23, Appl	c 186	3	30.0	15	1	US-08-643-886-5	Sequence 5, Appl
c 114	3	30.0	10	3	US-08-485-863A-23	Sequence 23, Appl	c 187	3	30.0	15	1	US-08-643-886-17	Sequence 17, Appl
c 115	3	30.0	10	3	US-09-258-367-47	Sequence 47, Appl	c 188	3	30.0	15	1	US-08-643-886-17	Sequence 17, Appl
c 116	3	30.0	10	3	US-09-258-367-47	Sequence 47, Appl	c 189	3	30.0	15	2	US-08-737-371A-8	Sequence 8, Appl
c 117	3	30.0	10	3	US-08-972-927-11	Sequence 11, Appl	c 190	3	30.0	15	2	US-08-737-371A-8	Sequence 8, Appl
c 118	3	30.0	10	3	US-08-972-927-11	Sequence 11, Appl	c 191	3	30.0	15	2	US-08-256-004-4	Sequence 4, Appl
c 119	3	30.0	10	3	US-08-646-301A-11	Sequence 11, Appl	c 192	3	30.0	15	3	US-08-256-004-4	Sequence 4, Appl
c 120	3	30.0	10	3	US-08-646-301A-11	Sequence 11, Appl	c 193	3	30.0	15	3	US-08-461-686-3	Sequence 3, Appl
c 121	3	30.0	10	3	US-08-485-049D-23	Sequence 23, Appl	c 194	3	30.0	15	4	US-09-461-686-3	Sequence 3, Appl
c 122	3	30.0	10	3	US-08-485-049D-23	Sequence 23, Appl	c 195	3	30.0	15	4	US-09-461-686-3	Sequence 3, Appl
c 123	3	30.0	10	3	US-09-134-246-1	Sequence 1, Appl	c 196	3	30.0	15	4	US-09-586-216C-5	Sequence 5, Appl
c 124	3	30.0	10	3	US-09-134-246-1	Sequence 1, Appl	c 197	3	30.0	15	4	US-09-586-216C-5	Sequence 5, Appl
c 125	3	30.0	10	3	US-09-546-550-47	Sequence 47, Appl	c 198	3	30.0	15	5	PCT-US95-05853-8	Sequence 8, Appl
c 126	3	30.0	10	3	US-09-546-550-47	Sequence 47, Appl	c 199	3	30.0	15	5	PCT-US95-05853-8	Sequence 8, Appl
c 127	3	30.0	10	3	US-09-431-414-47	Sequence 47, Appl	c 200	3	30.0	16	1	US-08-486-421-32	Sequence 32, Appl
c 128	3	30.0	10	3	US-09-431-414-47	Sequence 47, Appl	c 201	3	30.0	16	1	US-08-486-421-32	Sequence 32, Appl
c 129	3	30.0	10	3	US-09-178-115-23	Sequence 23, Appl	c 202	3	30.0	16	1	US-08-643-886-6	Sequence 6, Appl
c 130	3	30.0	10	3	US-09-178-115-23	Sequence 23, Appl	c 203	3	30.0	16	1	US-08-643-886-6	Sequence 6, Appl
c 131	3	30.0	10	3	US-09-177-776-23	Sequence 23, Appl	c 204	3	30.0	16	1	US-08-643-886-18	Sequence 18, Appl
c 132	3	30.0	10	3	US-09-177-776-23	Sequence 23, Appl	c 205	3	30.0	16	1	US-08-470-911-32	Sequence 32, Appl
c 133	3	30.0	10	3	US-09-225-670-47	Sequence 47, Appl	c 206	3	30.0	16	1	US-08-470-911-32	Sequence 32, Appl
c 134	3	30.0	10	3	US-09-225-670-47	Sequence 47, Appl	c 207	3	30.0	16	2	US-08-486-809-32	Sequence 32, Appl
c 135	3	30.0	10	3	US-09-431-349C-47	Sequence 47, Appl	c 208	3	30.0	16	2	US-08-486-809-32	Sequence 32, Appl
c 136	3	30.0	10	3	US-09-431-349C-47	Sequence 47, Appl	c 209	3	30.0	16	3	US-09-012-366-11	Sequence 11, Appl
c 137	3	30.0	10	3	US-09-122-171D-3	Sequence 3, Appl	c 210	3	30.0	16	3	US-09-012-366-11	Sequence 11, Appl
c 138	3	30.0	10	3	US-09-122-171D-3	Sequence 3, Appl	c 211	3	30.0	17	1	US-07-882-838E-11	Sequence 11, Appl
c 139	3	30.0	10	4	US-09-772-719B-23	Sequence 23, Appl	c 212	3	30.0	17	1	US-07-882-838E-11	Sequence 11, Appl
c 140	3	30.0	10	4	US-09-772-719B-23	Sequence 23, Appl	c 213	3	30.0	17	1	US-08-643-886-7	Sequence 7, Appl
c 141	3	30.0	10	4	US-09-664-186-1	Sequence 1, Appl	c 214	3	30.0	17	1	US-08-643-886-7	Sequence 7, Appl
c 142	3	30.0	10	4	US-09-664-186-1	Sequence 1, Appl	c 215	3	30.0	17	1	US-08-643-886-19	Sequence 19, Appl
c 143	3	30.0	10	6	5164316-1	Patent No. 5164316	c 216	3	30.0	17	1	US-08-643-886-19	Sequence 19, Appl
c 144	3	30.0	10	6	5164316-1	Patent No. 5164316	c 217	3	30.0	17	1	US-09-302-812-15	Sequence 15, Appl
c 145	3	30.0	10	6	5164316-1	Patent No. 5164316	c 218	3	30.0	17	3	US-09-302-812-15	Sequence 15, Appl
c 146	3	30.0	10	6	5164316-1	Patent No. 5164316	c 219	3	30.0	17	3	US-09-511-477-15	Sequence 15, Appl
c 147	3	30.0	11	1	US-08-643-886-13	Sequence 13, Appl	c 220	3	30.0	17	3	US-09-511-477-15	Sequence 15, Appl
c 148	3	30.0	11	1	US-08-643-886-13	Sequence 13, Appl	c 221	3	30.0	17	3	US-09-511-507-15	Sequence 15, Appl
c 149	3	30.0	12	1	US-08-643-886-2	Sequence 2, Appl	c 222	3	30.0	17	3	US-09-511-507-15	Sequence 15, Appl
c 150	3	30.0	12	1	US-08-643-886-2	Sequence 2, Appl	c 223	3	30.0	17	3	US-09-457-066-10	Sequence 10, Appl
c 151	3	30.0	12	1	US-08-643-886-14	Sequence 14, Appl	c 224	3	30.0	17	3	US-09-457-066-10	Sequence 10, Appl
c 152	3	30.0	12	1	US-08-643-886-14	Sequence 14, Appl	c 225	3	30.0	17	4	US-09-564-595D-10	Sequence 10, Appl
c 153	3	30.0	13	1	US-08-235-503B-33	Sequence 33, Appl	c 226	3	30.0	17	4	US-09-564-595D-10	Sequence 10, Appl
c 154	3	30.0	13	1	US-08-235-503B-33	Sequence 33, Appl	c 227	3	30.0	17	4	US-09-706-968-10	Sequence 10, Appl
c 155	3	30.0	13	1	US-08-643-886-3	Sequence 3, Appl	c 228	3	30.0	17	4	US-09-706-968-10	Sequence 10, Appl
c 156	3	30.0	13	1	US-08-643-886-3	Sequence 3, Appl	c 229	3	30.0	17	4	US-09-132-368-28	Sequence 28, Appl
c 157	3	30.0	13	1	US-08-643-886-15	Sequence 15, Appl	c 230	3	30.0	17	4	US-09-132-368-28	Sequence 28, Appl
c 158	3	30.0	13	1	US-08-643-886-15	Sequence 15, Appl	c 231	3	30.0	17	4	US-09-250-124A-16	Sequence 16, Appl
c 159	3	30.0	13	5	PCT-US95-05265-33	Sequence 33, Appl	c 232	3	30.0	17	4	US-09-250-124A-16	Sequence 16, Appl
c 160	3	30.0	13	5	PCT-US95-05265-33	Sequence 33, Appl	c 233	3	30.0	17	4	US-10-043-142-1	Sequence 1, Appl
c 161	3	30.0	14	1	US-07-882-838E-32	Sequence 32, Appl	c 234	3	30.0	17	4	US-10-043-142-1	Sequence 1, Appl
c 162	3	30.0	14	1	US-07-882-838E-32	Sequence 32, Appl	c 235	3	30.0	17	4	US-09-806-399-1	Sequence 1, Appl
c 163	3	30.0	14	1	US-08-643-886-4	Sequence 4, Appl	c 236	3	30.0	17	4	US-09-806-399-1	Sequence 1, Appl
c 164	3	30.0	14	1	US-08-643-886-4	Sequence 4, Appl	c 237	3	30.0	17	4	US-09-545-894-18	Sequence 18, Appl
c 165	3	30.0	14	1	US-08-643-886-16	Sequence 16, Appl	c 238	3	30.0	17	4	US-09-545-894-18	Sequence 18, Appl
c 166	3	30.0	14	1	US-08-643-886-16	Sequence 16, Appl	c 239	3	30.0	17	4	US-09-545-894-19	Sequence 19, Appl
c 167	3	30.0	14	3	US-08-646-789A-38	Sequence 38, Appl	c 240	3	30.0	17	4	US-09-545-894-19	Sequence 19, Appl
c 168	3	30.0	14	3	US-08-646-789A-38	Sequence 38, Appl	c 241	3	30.0	17	4	US-10-139-583-10	Sequence 10, Appl
c 169	3	30.0	14	3	US-08-646-789A-39	Sequence 39, Appl	c 242	3	30.0	17	4	US-10-139-583-10	Sequence 10, Appl
c 170	3	30.0	14	3	US-08-646-789A-39	Sequence 39, Appl	c 243	3	30.0	18	1	US-08-643-886-8	Sequence 8, Appl
c 171	3	30.0	14	3	US-08-646-301A-8	Sequence 8, Appl	c 244	3	30.0	18	1	US-08-643-886-8	Sequence 8, Appl
c 172	3	30.0	14	3	US-08-646-301A-8	Sequence 8, Appl	c 245	3	30.0	18	1	US-08-643-886-20	Sequence 20, Appl
c 173	3	30.0	14	3	US-09-305-639-7	Sequence 7, Appl	c 246	3	30.0	18	1	US-08-643-886-20	Sequence 20, Appl

247	3	30.0	18	3	US-09-040-025-21	Sequence 21, Appl	Sequence 21, Appl	3	320	23	2	US-08-199-984-3	Sequence 3, Appl
248	3	30.0	18	3	US-09-040-025-21	Sequence 21, Appl	Sequence 21, Appl	3	321	23	2	US-08-896-365-21	Sequence 21, Appl
249	3	30.0	18	3	US-09-040-025-21	Sequence 21, Appl	Sequence 21, Appl	3	322	23	2	US-08-896-365-21	Sequence 21, Appl
250	3	30.0	18	3	US-09-040-025-21	Sequence 21, Appl	Sequence 21, Appl	3	323	23	2	US-09-040-025-62	Sequence 62, Appl
251	3	30.0	19	1	US-08-474-542A-136	Sequence 136, App	Sequence 136, App	3	324	23	3	US-09-040-025-62	Sequence 62, Appl
252	3	30.0	19	1	US-08-474-542A-136	Sequence 136, App	Sequence 136, App	3	325	23	3	US-09-040-025-64	Sequence 64, Appl
253	3	30.0	19	1	US-08-235-503B-10	Sequence 10, Appl	Sequence 10, Appl	3	326	23	3	US-09-040-025-64	Sequence 64, Appl
254	3	30.0	19	1	US-08-235-503B-10	Sequence 10, Appl	Sequence 10, Appl	3	327	23	3	US-09-446-504-48	Sequence 48, Appl
255	3	30.0	19	1	US-08-235-503B-11	Sequence 11, Appl	Sequence 11, Appl	3	328	23	3	US-09-446-504-48	Sequence 48, Appl
256	3	30.0	19	1	US-08-235-503B-11	Sequence 11, Appl	Sequence 11, Appl	3	329	23	3	US-09-040-025-62	Sequence 62, Appl
257	3	30.0	19	1	US-07-882-838E-10	Sequence 10, Appl	Sequence 10, Appl	3	330	23	3	US-09-040-025-62	Sequence 62, Appl
258	3	30.0	19	1	US-07-882-838E-10	Sequence 10, Appl	Sequence 10, Appl	3	331	23	3	US-09-040-025-64	Sequence 64, Appl
259	3	30.0	19	1	US-08-457-648-136	Sequence 136, App	Sequence 136, App	3	332	23	3	US-09-040-025-64	Sequence 64, Appl
260	3	30.0	19	1	US-08-457-648-136	Sequence 136, App	Sequence 136, App	3	333	23	3	US-09-712-266-48	Sequence 48, Appl
261	3	30.0	19	1	US-08-643-886-9	Sequence 9, Appl	Sequence 9, Appl	3	334	23	3	US-09-712-266-48	Sequence 48, Appl
262	3	30.0	19	1	US-08-643-886-9	Sequence 9, Appl	Sequence 9, Appl	3	335	23	3	US-08-513-974B-15	Sequence 15, Appl
263	3	30.0	19	4	US-09-672-717-209	Sequence 209, App	Sequence 209, App	3	336	24	3	US-08-513-974B-15	Sequence 15, Appl
264	3	30.0	19	4	US-09-672-717-209	Sequence 209, App	Sequence 209, App	3	337	24	3	US-08-513-974B-230	Sequence 230, App
265	3	30.0	19	4	US-09-672-717-211	Sequence 211, App	Sequence 211, App	3	338	24	3	US-08-513-974B-230	Sequence 230, App
266	3	30.0	19	4	US-09-672-717-211	Sequence 211, App	Sequence 211, App	3	339	24	4	US-09-461-436B-15	Sequence 15, Appl
267	3	30.0	19	5	PCT-US95-05265-10	Sequence 10, Appl	Sequence 10, Appl	3	340	24	4	US-09-461-436B-15	Sequence 15, Appl
268	3	30.0	19	5	PCT-US95-05265-10	Sequence 10, Appl	Sequence 10, Appl	3	341	24	4	US-09-418-980-78	Sequence 78, Appl
269	3	30.0	19	5	PCT-US95-05265-11	Sequence 11, Appl	Sequence 11, Appl	3	342	24	4	US-09-418-980-78	Sequence 78, Appl
270	3	30.0	19	5	PCT-US95-05265-11	Sequence 11, Appl	Sequence 11, Appl	3	343	24	4	US-09-419-788-72	Sequence 72, Appl
271	3	30.0	20	1	US-07-940-242A-5	Sequence 5, Appl	Sequence 5, Appl	3	344	24	4	US-09-419-788-72	Sequence 72, Appl
272	3	30.0	20	1	US-07-940-242A-5	Sequence 5, Appl	Sequence 5, Appl	3	345	24	4	US-09-419-788-72	Sequence 72, Appl
273	3	30.0	20	1	US-07-940-242A-7	Sequence 7, Appl	Sequence 7, Appl	3	346	24	4	US-09-419-788-74	Sequence 74, Appl
274	3	30.0	20	1	US-07-940-242A-7	Sequence 7, Appl	Sequence 7, Appl	3	347	25	1	US-07-959-119A-7	Sequence 7, Appl
275	3	30.0	20	1	US-08-474-542A-130	Sequence 130, App	Sequence 130, App	3	348	25	1	US-07-959-119A-7	Sequence 7, Appl
276	3	30.0	20	1	US-08-474-542A-130	Sequence 130, App	Sequence 130, App	3	349	25	2	US-08-744-722-1	Sequence 1, Appl
277	3	30.0	20	1	US-08-457-648-130	Sequence 130, App	Sequence 130, App	3	350	25	2	US-08-744-722-1	Sequence 1, Appl
278	3	30.0	20	1	US-08-457-648-130	Sequence 130, App	Sequence 130, App	3	351	25	2	US-08-471-994-6	Sequence 6, Appl
279	3	30.0	20	1	US-08-643-886-10	Sequence 10, Appl	Sequence 10, Appl	3	352	25	2	US-08-471-994-6	Sequence 6, Appl
280	3	30.0	20	1	US-08-643-886-10	Sequence 10, Appl	Sequence 10, Appl	3	353	25	2	US-08-979-917A-15	Sequence 15, Appl
281	3	30.0	20	2	US-08-680-326-126	Sequence 126, App	Sequence 126, App	3	354	25	3	US-08-979-917A-15	Sequence 15, Appl
282	3	30.0	20	2	US-08-680-326-126	Sequence 126, App	Sequence 126, App	3	355	25	3	US-09-743-954-4	Sequence 4, Appl
283	3	30.0	20	4	US-09-132-368-30	Sequence 30, Appl	Sequence 30, Appl	3	356	25	4	US-09-743-954-4	Sequence 4, Appl
284	3	30.0	20	4	US-09-132-368-30	Sequence 30, Appl	Sequence 30, Appl	3	357	25	4	US-08-397-335-7	Sequence 7, Appl
285	3	30.0	20	4	US-09-732-615-19	Sequence 19, Appl	Sequence 19, Appl	3	358	26	1	US-08-397-335-7	Sequence 7, Appl
286	3	30.0	20	4	US-09-732-615-19	Sequence 19, Appl	Sequence 19, Appl	3	359	26	1	US-07-714-131C-343	Sequence 343, App
287	3	30.0	20	4	US-10-273-051-19	Sequence 19, Appl	Sequence 19, Appl	3	360	26	1	US-07-714-131C-343	Sequence 343, App
288	3	30.0	20	4	US-10-273-051-19	Sequence 19, Appl	Sequence 19, Appl	3	361	26	1	US-07-959-119A-10	Sequence 10, Appl
289	3	30.0	20	4	US-09-525-305-36	Sequence 36, Appl	Sequence 36, Appl	3	362	26	1	US-07-959-119A-10	Sequence 10, Appl
290	3	30.0	20	4	US-09-525-305-36	Sequence 36, Appl	Sequence 36, Appl	3	363	26	1	US-08-412-110-343	Sequence 343, App
291	3	30.0	21	1	US-08-474-542A-298	Sequence 298, App	Sequence 298, App	3	364	26	1	US-08-412-110-343	Sequence 343, App
292	3	30.0	21	1	US-08-474-542A-298	Sequence 298, App	Sequence 298, App	3	365	26	1	US-08-409-442A-343	Sequence 343, App
293	3	30.0	21	1	US-08-457-648-298	Sequence 298, App	Sequence 298, App	3	366	26	1	US-08-409-442A-343	Sequence 343, App
294	3	30.0	21	1	US-08-457-648-298	Sequence 298, App	Sequence 298, App	3	367	26	2	US-08-469-609A-343	Sequence 343, App
295	3	30.0	21	2	US-08-632-598-10	Sequence 10, Appl	Sequence 10, Appl	3	368	26	2	US-08-469-609A-343	Sequence 343, App
296	3	30.0	21	2	US-08-632-598-10	Sequence 10, Appl	Sequence 10, Appl	3	369	26	2	US-08-680-326-5	Sequence 5, Appl
297	3	30.0	21	3	US-09-040-025-76	Sequence 76, Appl	Sequence 76, Appl	3	370	26	2	US-08-680-326-5	Sequence 5, Appl
298	3	30.0	21	3	US-09-040-025-76	Sequence 76, Appl	Sequence 76, Appl	3	371	26	2	US-08-680-326-6	Sequence 6, Appl
299	3	30.0	21	3	US-09-040-025-76	Sequence 76, Appl	Sequence 76, Appl	3	372	26	2	US-08-680-326-6	Sequence 6, Appl
300	3	30.0	21	3	US-09-040-025-78	Sequence 78, Appl	Sequence 78, Appl	3	373	26	3	US-08-906-443-2	Sequence 2, Appl
301	3	30.0	21	3	US-09-040-025-78	Sequence 78, Appl	Sequence 78, Appl	3	374	26	3	US-08-906-443-2	Sequence 2, Appl
302	3	30.0	21	3	US-09-040-025-107	Sequence 107, App	Sequence 107, App	3	375	26	3	US-09-143-190-343	Sequence 343, App
303	3	30.0	21	3	US-09-040-025-107	Sequence 107, App	Sequence 107, App	3	376	26	3	US-09-143-190-343	Sequence 343, App
304	3	30.0	21	3	US-09-040-025-109	Sequence 109, App	Sequence 109, App	3	377	26	3	US-08-154-364-13	Sequence 13, Appl
305	3	30.0	21	3	US-09-040-025-109	Sequence 109, App	Sequence 109, App	3	378	26	3	US-08-154-364-13	Sequence 13, Appl
306	3	30.0	21	3	US-09-231-240-10	Sequence 10, Appl	Sequence 10, Appl	3	379	26	3	US-08-973-124-269	Sequence 269, App
307	3	30.0	21	3	US-09-231-240-10	Sequence 10, Appl	Sequence 10, Appl	3	380	26	3	US-08-973-124-269	Sequence 269, App
308	3	30.0	21	3	US-09-040-025-76	Sequence 76, Appl	Sequence 76, Appl	3	381	26	3	US-09-502-344-343	Sequence 343, App
309	3	30.0	21	3	US-09-040-025-76	Sequence 76, Appl	Sequence 76, Appl	3	382	26	3	US-09-502-344-343	Sequence 343, App
310	3	30.0	21	3	US-09-040-025-78	Sequence 78, Appl	Sequence 78, Appl	3	383	26	4	US-08-397-335-10	Sequence 10, Appl
311	3	30.0	21	3	US-09-040-025-107	Sequence 107, App	Sequence 107, App	3	384	26	4	US-08-397-335-10	Sequence 10, Appl
312	3	30.0	21	3	US-09-040-025-107	Sequence 107, App	Sequence 107, App	3	385	26	5	PCT-US96-08014-269	Sequence 269, App
313	3	30.0	21	3	US-09-040-025-109	Sequence 109, App	Sequence 109, App	3	386	26	5	PCT-US96-08014-269	Sequence 269, App
314	3	30.0	22	3	US-08-213-741-10	Sequence 10, Appl	Sequence 10, Appl	3	387	27	1	US-07-714-131C-337	Sequence 337, App
315	3	30.0	22	3	US-08-213-741-10	Sequence 10, Appl	Sequence 10, Appl	3	388	27	1	US-07-714-131C-337	Sequence 337, App
316	3	30.0	22	3	US-08-522-336-10	Sequence 10, Appl	Sequence 10, Appl	3	389	27	1	US-08-412-110-337	Sequence 337, App
317	3	30.0	22	3	US-08-522-336-10	Sequence 10, Appl	Sequence 10, Appl	3	390	27	1	US-08-412-110-337	Sequence 337, App
318	3	30.0	22	3	US-08-522-336-10	Sequence 10, Appl	Sequence 10, Appl	3	391	27	1	US-08-409-442A-337	Sequence 337, App
319	3	30.0	23	2	US-08-199-984-3	Sequence 3, Appl	Sequence 3, Appl	3	392	27	1	US-08-409-442A-337	Sequence 337, App

333	3	30.0	27	2	US-08-469-609A-337	Sequence 337, App	C 466	3	30.0	33	1	US-07-813-338A-6	Sequence 6, Appli
C 394	3	30.0	27	2	US-08-469-609A-337	Sequence 337, App	467	3	30.0	33	1	US-07-813-338A-25	Sequence 25, Appl
335	3	30.0	27	2	US-09-143-190-337	Sequence 337, App	C 468	3	30.0	33	1	US-07-813-338A-25	Sequence 25, Appl
C 396	3	30.0	27	3	US-09-143-190-337	Sequence 337, App	469	3	30.0	33	1	US-07-813-338A-28	Sequence 28, Appl
337	3	30.0	27	3	US-08-709-838-4	Sequence 4, Appli	C 470	3	30.0	33	1	US-07-813-338A-28	Sequence 28, Appl
C 398	3	30.0	27	3	US-08-709-838-4	Sequence 4, Appli	471	3	30.0	33	1	US-07-813-338A-38	Sequence 38, Appl
339	3	30.0	27	3	US-08-829-839-4	Sequence 4, Appli	C 472	3	30.0	33	1	US-07-813-338A-38	Sequence 38, Appl
C 400	3	30.0	27	3	US-08-829-839-4	Sequence 4, Appli	473	3	30.0	33	2	US-08-452-242-11	Sequence 11, Appl
401	3	30.0	27	3	US-08-154-364-6	Sequence 6, Appli	C 474	3	30.0	33	2	US-08-452-242-11	Sequence 11, Appl
C 402	3	30.0	27	3	US-08-154-364-6	Sequence 6, Appli	475	3	30.0	33	3	US-08-453-176A-11	Sequence 11, Appl
403	3	30.0	27	3	US-08-973-124-268	Sequence 268, App	C 476	3	30.0	33	3	US-08-453-176A-11	Sequence 11, Appl
C 404	3	30.0	27	3	US-08-973-124-268	Sequence 268, App	477	3	30.0	33	3	US-08-441-971-81	Sequence 81, Appl
405	3	30.0	27	3	US-09-502-344-337	Sequence 337, App	C 478	3	30.0	33	3	US-08-441-971-81	Sequence 81, Appl
C 406	3	30.0	27	3	US-09-502-344-337	Sequence 337, App	479	3	30.0	33	3	US-08-441-971-100	Sequence 100, App
407	3	30.0	27	3	US-08-403-459-59	Sequence 59, Appl	C 480	3	30.0	33	3	US-08-441-971-100	Sequence 100, App
C 408	3	30.0	27	4	US-08-403-459-59	Sequence 59, Appl	481	3	30.0	33	3	US-08-441-971-103	Sequence 103, App
409	3	30.0	27	4	US-08-403-459-60	Sequence 60, Appl	C 482	3	30.0	33	3	US-08-441-971-103	Sequence 103, App
C 410	3	30.0	27	4	US-08-403-459-60	Sequence 60, Appl	483	3	30.0	33	3	US-08-441-971-113	Sequence 113, App
411	3	30.0	27	4	US-09-033-936-52	Sequence 52, Appl	C 484	3	30.0	33	3	US-08-441-971-113	Sequence 113, App
C 412	3	30.0	27	4	US-09-033-936-52	Sequence 52, Appl	485	3	30.0	33	3	US-08-467-023-104	Sequence 104, App
413	3	30.0	27	4	US-09-684-579-9	Sequence 9, Appli	C 486	3	30.0	33	3	US-08-467-023-104	Sequence 104, App
C 414	3	30.0	27	4	US-09-684-579-9	Sequence 9, Appli	487	3	30.0	33	3	US-08-451-374-11	Sequence 11, Appl
415	3	30.0	27	4	US-09-624-594-4	Sequence 4, Appli	C 488	3	30.0	33	3	US-08-451-374-11	Sequence 11, Appl
C 416	3	30.0	27	4	US-09-624-594-4	Sequence 4, Appli	489	3	30.0	33	3	US-08-221-653-81	Sequence 81, Appl
417	3	30.0	27	4	US-09-607-156-4	Sequence 4, Appli	C 490	3	30.0	33	3	US-08-221-653-81	Sequence 81, Appl
C 418	3	30.0	27	4	US-09-607-156-4	Sequence 4, Appli	491	3	30.0	33	3	US-08-221-653-100	Sequence 100, App
419	3	30.0	27	5	PCT-US96-08014-268	Sequence 268, App	C 492	3	30.0	33	3	US-08-221-653-100	Sequence 100, App
C 420	3	30.0	27	5	PCT-US96-08014-268	Sequence 268, App	493	3	30.0	33	3	US-08-221-653-103	Sequence 103, App
421	3	30.0	28	1	US-07-752-101A-32	Sequence 32, Appl	C 494	3	30.0	33	3	US-08-221-653-103	Sequence 103, App
C 422	3	30.0	28	1	US-07-752-101A-32	Sequence 32, Appl	495	3	30.0	33	3	US-08-221-653-113	Sequence 113, App
423	3	30.0	29	1	US-07-714-131C-342	Sequence 342, App	C 496	3	30.0	33	3	US-08-221-653-113	Sequence 113, App
C 424	3	30.0	29	1	US-07-714-131C-342	Sequence 342, App	497	3	30.0	33	3	US-08-442-144A-81	Sequence 81, Appl
425	3	30.0	29	1	US-08-275-225-25	Sequence 25, Appl	C 498	3	30.0	33	3	US-08-442-144A-81	Sequence 81, Appl
C 426	3	30.0	29	1	US-08-275-225-25	Sequence 25, Appl	499	3	30.0	33	3	US-08-442-144A-100	Sequence 100, App
427	3	30.0	29	1	US-08-412-110-342	Sequence 342, App	C 500	3	30.0	33	3	US-08-442-144A-100	Sequence 100, App
C 428	3	30.0	29	1	US-08-412-110-342	Sequence 342, App	501	3	30.0	33	3	US-08-442-144A-103	Sequence 103, App
429	3	30.0	29	1	US-08-409-442A-342	Sequence 342, App	C 502	3	30.0	33	3	US-08-442-144A-103	Sequence 103, App
C 430	3	30.0	29	1	US-08-409-442A-342	Sequence 342, App	503	3	30.0	33	3	US-08-442-144A-113	Sequence 113, App
431	3	30.0	29	2	US-08-469-609A-342	Sequence 342, App	C 504	3	30.0	33	3	US-08-442-144A-113	Sequence 113, App
C 432	3	30.0	29	2	US-08-469-609A-342	Sequence 342, App	505	3	30.0	33	3	US-08-935-268A-11	Sequence 11, Appl
433	3	30.0	29	3	US-09-143-190-342	Sequence 342, App	C 506	3	30.0	33	3	US-08-935-268A-11	Sequence 11, Appl
C 434	3	30.0	29	3	US-09-143-190-342	Sequence 342, App	507	3	30.0	33	3	US-08-441-970-81	Sequence 81, Appl
435	3	30.0	29	3	US-09-502-344-342	Sequence 342, App	C 508	3	30.0	33	3	US-08-441-970-81	Sequence 81, Appl
C 436	3	30.0	29	3	US-09-502-344-342	Sequence 342, App	509	3	30.0	33	3	US-08-441-970-100	Sequence 100, App
437	3	30.0	30	1	US-08-186-229-32	Sequence 32, Appl	C 510	3	30.0	33	3	US-08-441-970-100	Sequence 100, App
C 438	3	30.0	30	1	US-08-186-229-32	Sequence 32, Appl	511	3	30.0	33	3	US-08-441-970-103	Sequence 103, App
439	3	30.0	30	2	US-08-470-124-32	Sequence 32, Appl	C 512	3	30.0	33	3	US-08-441-970-103	Sequence 103, App
C 440	3	30.0	30	2	US-08-470-124-32	Sequence 32, Appl	513	3	30.0	33	3	US-08-441-970-113	Sequence 113, App
441	3	30.0	30	4	US-09-671-089-36	Sequence 36, Appl	C 514	3	30.0	33	3	US-08-441-970-113	Sequence 113, App
C 442	3	30.0	30	4	US-09-671-089-36	Sequence 36, Appl	515	3	30.0	33	3	US-08-169-715-5	Sequence 5, Appli
443	3	30.0	31	1	US-08-086-428B-112	Sequence 112, App	C 516	3	30.0	33	3	US-08-169-715-5	Sequence 5, Appli
C 444	3	30.0	31	1	US-08-086-428B-112	Sequence 112, App	517	3	30.0	33	3	US-08-169-715-19	Sequence 19, Appl
445	3	30.0	31	2	US-08-468-570-112	Sequence 112, App	C 518	3	30.0	33	3	US-08-169-715-19	Sequence 19, Appl
C 446	3	30.0	31	2	US-08-468-570-112	Sequence 112, App	519	3	30.0	33	3	US-08-169-715-59	Sequence 59, Appl
447	3	30.0	31	2	US-08-290-665A-216	Sequence 216, App	C 520	3	30.0	33	3	US-08-169-715-59	Sequence 59, Appl
C 448	3	30.0	31	2	US-08-290-665A-216	Sequence 216, App	521	3	30.0	33	3	US-08-452-229-11	Sequence 11, Appl
449	3	30.0	31	4	US-08-466-601A-112	Sequence 112, App	C 522	3	30.0	33	3	US-08-452-229-11	Sequence 11, Appl
C 450	3	30.0	31	4	US-08-466-601A-112	Sequence 112, App	523	3	30.0	33	3	US-09-671-089-35	Sequence 35, Appl
451	3	30.0	31	5	PCT-US95-10398-216	Sequence 216, App	C 524	3	30.0	33	4	US-09-671-089-35	Sequence 35, Appl
C 452	3	30.0	31	5	PCT-US95-10398-216	Sequence 216, App	525	3	30.0	34	4	US-08-814-412-24	Sequence 24, Appl
453	3	30.0	33	1	US-08-138-608-7	Sequence 7, Appli	C 526	3	30.0	34	4	US-08-814-412-24	Sequence 24, Appl
C 454	3	30.0	33	1	US-08-138-608-7	Sequence 7, Appli	527	3	30.0	34	3	US-09-232-477-13	Sequence 13, Appl
455	3	30.0	33	1	US-08-138-608-11	Sequence 11, Appl	C 528	3	30.0	34	3	US-09-232-477-13	Sequence 13, Appl
C 456	3	30.0	33	1	US-08-138-608-11	Sequence 11, Appl	529	3	30.0	34	4	US-09-784-982-13	Sequence 13, Appl
457	3	30.0	33	1	US-08-438-639-6	Sequence 6, Appli	C 530	3	30.0	34	4	US-09-784-982-13	Sequence 13, Appl
C 458	3	30.0	33	1	US-08-438-639-6	Sequence 6, Appli	531	3	30.0	35	3	US-09-363-189B-9	Sequence 9, Appli
459	3	30.0	33	1	US-08-438-639-25	Sequence 25, Appl	C 532	3	30.0	35	3	US-09-363-189B-9	Sequence 9, Appli
C 460	3	30.0	33	1	US-08-438-639-25	Sequence 25, Appl	533	3	30.0	36	1	US-08-482-882-40	Sequence 40, Appl
461	3	30.0	33	1	US-08-438-639-28	Sequence 28, Appl	C 534	3	30.0	36	1	US-08-482-882-40	Sequence 40, Appl
C 462	3	30.0	33	1	US-08-438-639-28	Sequence 28, Appl	535	3	30.0	36	1	US-08-483-389-40	Sequence 40, Appl
463	3	30.0	33	1	US-08-438-639-38	Sequence 38, Appl	C 536	3	30.0	36	2	US-08-483-389-40	Sequence 40, Appl
C 464	3	30.0	33	1	US-08-438-639-38	Sequence 38, Appl	537	3	30.0	36	2	US-08-487-113D-40	Sequence 40, Appl
465	3	30.0	33	1	US-07-813-338A-6	Sequence 6, Appli	C 538	3	30.0	36	2	US-08-487-113D-40	Sequence 40, Appl

831 2 20.0 9 3 US-09-163-485-16 Sequence 16, Appl
832 2 20.0 9 3 US-09-163-485-16 Sequence 16, Appl
833 2 20.0 9 3 US-09-546-550-17 Sequence 17, Appl
834 2 20.0 9 3 US-09-546-550-17 Sequence 17, Appl
835 2 20.0 9 3 US-09-431-414-17 Sequence 17, Appl
836 2 20.0 9 3 US-09-431-414-17 Sequence 17, Appl
837 2 20.0 9 3 US-09-225-670-17 Sequence 17, Appl
838 2 20.0 9 3 US-09-225-670-17 Sequence 17, Appl
839 2 20.0 9 3 US-09-008-097-9 Sequence 9, Appl
840 2 20.0 9 3 US-09-008-097-9 Sequence 9, Appl
841 2 20.0 9 3 US-08-623-428D-61 Sequence 61, Appl
842 2 20.0 9 3 US-08-623-428D-61 Sequence 61, Appl
843 2 20.0 9 3 US-08-709-731A-4 Sequence 4, Appl
844 2 20.0 9 3 US-08-709-731A-4 Sequence 4, Appl
845 2 20.0 9 3 US-09-431-349C-17 Sequence 17, Appl
846 2 20.0 9 3 US-09-431-349C-17 Sequence 17, Appl
847 2 20.0 9 3 US-09-088-337B-20 Sequence 20, Appl
848 2 20.0 9 3 US-09-088-337B-20 Sequence 20, Appl
849 2 20.0 9 3 US-09-305-839-45 Sequence 45, Appl
850 2 20.0 9 4 US-09-305-839-45 Sequence 45, Appl
851 2 20.0 9 4 US-09-803-263-13 Sequence 13, Appl
852 2 20.0 9 4 US-09-803-263-13 Sequence 13, Appl
853 2 20.0 9 4 US-09-472-667-9 Sequence 9, Appl
854 2 20.0 9 4 US-09-472-667-9 Sequence 9, Appl
855 2 20.0 9 5 PCT-US93-11153-20 Sequence 20, Appl
856 2 20.0 9 5 PCT-US93-11153-20 Sequence 20, Appl
857 2 20.0 9 5 PCT-US96-10251-26 Sequence 26, Appl
858 2 20.0 9 5 PCT-US96-10251-26 Sequence 26, Appl
859 2 20.0 10 US-08-235-503B-3 Sequence 3, Appl
860 2 20.0 10 US-08-235-503B-3 Sequence 3, Appl
861 2 20.0 10 1 US-08-351-748-12 Sequence 12, Appl
862 2 20.0 10 1 US-08-351-748-12 Sequence 12, Appl
863 2 20.0 10 1 US-08-430-536A-12 Sequence 12, Appl
864 2 20.0 10 1 US-08-430-536A-12 Sequence 12, Appl
865 2 20.0 10 1 US-08-122-433-14 Sequence 14, Appl
866 2 20.0 10 1 US-08-122-433-14 Sequence 14, Appl
867 2 20.0 10 1 US-08-250-740-36 Sequence 36, Appl
868 2 20.0 10 1 US-08-250-740-36 Sequence 36, Appl
869 2 20.0 10 1 US-08-472-255A-170 Sequence 170, Appl
870 2 20.0 10 1 US-08-472-255A-170 Sequence 170, Appl
871 2 20.0 10 1 US-08-479-724A-170 Sequence 170, Appl
872 2 20.0 10 1 US-08-479-724A-170 Sequence 170, Appl
873 2 20.0 10 1 US-08-591-989-58 Sequence 58, Appl
874 2 20.0 10 1 US-08-591-989-58 Sequence 58, Appl
875 2 20.0 10 1 US-08-414-398-1 Sequence 1, Appl
876 2 20.0 10 1 US-08-414-398-1 Sequence 1, Appl
877 2 20.0 10 2 US-08-590-571-14 Sequence 14, Appl
878 2 20.0 10 2 US-08-590-571-14 Sequence 14, Appl
879 2 20.0 10 2 US-08-627-151A-19 Sequence 19, Appl
880 2 20.0 10 2 US-08-627-151A-19 Sequence 19, Appl
881 2 20.0 10 2 US-08-676-279-30 Sequence 30, Appl
882 2 20.0 10 2 US-08-676-279-30 Sequence 30, Appl
883 2 20.0 10 2 US-08-480-473B-19 Sequence 19, Appl
884 2 20.0 10 2 US-08-480-473B-19 Sequence 19, Appl
885 2 20.0 10 2 US-08-737-371A-12 Sequence 12, Appl
886 2 20.0 10 2 US-08-737-371A-12 Sequence 12, Appl
887 2 20.0 10 2 US-08-737-371A-13 Sequence 13, Appl
888 2 20.0 10 2 US-08-737-371A-13 Sequence 13, Appl
889 2 20.0 10 2 US-08-737-371A-14 Sequence 14, Appl
890 2 20.0 10 2 US-08-737-371A-14 Sequence 14, Appl
891 2 20.0 10 2 US-08-684-547-12 Sequence 12, Appl
892 2 20.0 10 2 US-08-684-547-12 Sequence 12, Appl
893 2 20.0 10 2 US-08-822-701-6 Sequence 6, Appl
894 2 20.0 10 2 US-08-822-701-6 Sequence 6, Appl
895 2 20.0 10 2 US-08-927-722-16 Sequence 16, Appl
896 2 20.0 10 2 US-08-927-722-16 Sequence 16, Appl
897 2 20.0 10 2 US-08-724-354D-13 Sequence 13, Appl
898 2 20.0 10 2 US-08-724-354D-13 Sequence 13, Appl
899 2 20.0 10 3 US-08-472-256B-170 Sequence 170, Appl
900 2 20.0 10 3 US-08-472-256B-170 Sequence 170, Appl
901 2 20.0 10 3 US-08-915-213-19 Sequence 19, Appl
902 2 20.0 10 3 US-08-915-213-19 Sequence 19, Appl
903 2 20.0 10 3 US-09-270-984A-13 Sequence 13, Appl

10 3 US-09-270-984A-13 Sequence 13, Appl
10 3 US-08-935-855-6 Sequence 6, Appl
10 3 US-08-935-855-6 Sequence 6, Appl
10 3 US-08-974-549A-105 Sequence 105, Appl
10 3 US-08-974-549A-105 Sequence 105, Appl
10 3 US-09-235-217-19 Sequence 19, Appl
10 3 US-09-235-217-19 Sequence 19, Appl
10 3 US-08-952-793-183 Sequence 183, Appl
10 3 US-08-952-793-183 Sequence 183, Appl
10 3 US-08-623-428D-56 Sequence 56, Appl
10 3 US-08-623-428D-56 Sequence 56, Appl
10 3 US-08-927-165A-39 Sequence 39, Appl
10 3 US-08-927-165A-39 Sequence 39, Appl
10 3 US-09-378-069A-16 Sequence 16, Appl
10 3 US-09-378-069A-16 Sequence 16, Appl
10 4 US-08-912-951-105 Sequence 105, Appl
10 4 US-08-912-951-105 Sequence 105, Appl
10 4 US-09-087-031E-8 Sequence 8, Appl
10 4 US-09-087-031E-8 Sequence 8, Appl
10 4 US-08-600-203-6 Sequence 6, Appl
10 4 US-08-600-203-6 Sequence 6, Appl
10 4 US-09-849-928-183 Sequence 183, Appl
10 4 US-09-849-928-183 Sequence 183, Appl
10 4 US-08-705-477E-107 Sequence 107, Appl
10 4 US-08-705-477E-107 Sequence 107, Appl
10 4 US-09-548-880B-2 Sequence 2, Appl
10 4 US-09-548-880B-2 Sequence 2, Appl
10 4 US-09-402-181B-105 Sequence 105, Appl
10 4 US-09-402-181B-105 Sequence 105, Appl
10 4 US-09-721-456-105 Sequence 105, Appl
10 4 US-09-721-456-105 Sequence 105, Appl
10 4 US-08-961-888-5 Sequence 5, Appl
10 4 US-08-961-888-5 Sequence 5, Appl
10 4 US-08-260-190-20 Sequence 20, Appl
10 4 US-08-260-190-20 Sequence 20, Appl
10 4 US-09-744-072-24 Sequence 24, Appl
10 4 US-09-744-072-24 Sequence 24, Appl
5 PCT-US93-02246-12 Sequence 12, Appl
5 PCT-US93-02246-12 Sequence 12, Appl
5 PCT-US93-08386-21 Sequence 21, Appl
5 PCT-US93-08386-21 Sequence 21, Appl
5 PCT-US94-04361-2 Sequence 2, Appl
5 PCT-US94-04361-2 Sequence 2, Appl
5 PCT-US95-05285-3 Sequence 3, Appl
5 PCT-US95-05285-3 Sequence 3, Appl
5 PCT-US95-05853-12 Sequence 12, Appl
5 PCT-US95-05853-12 Sequence 12, Appl
5 PCT-US95-05853-13 Sequence 13, Appl
5 PCT-US95-05853-13 Sequence 13, Appl
5 PCT-US95-05853-14 Sequence 14, Appl
5 PCT-US95-05853-14 Sequence 14, Appl
5 PCT-US96-09455A-183 Sequence 183, Appl
5 PCT-US96-09455A-183 Sequence 183, Appl
5 PCT-US96-10251-19 Sequence 19, Appl
5 PCT-US96-10251-19 Sequence 19, Appl
11 1 US-08-235-503B-21 Sequence 21, Appl
11 1 US-08-235-503B-21 Sequence 21, Appl
11 1 US-08-358-810A-6 Sequence 6, Appl
11 1 US-08-358-810A-6 Sequence 6, Appl
11 1 US-08-484-712A-6 Sequence 6, Appl
11 1 US-08-484-712A-6 Sequence 6, Appl
11 1 US-08-359-295C-2 Sequence 2, Appl
11 1 US-08-359-295C-2 Sequence 2, Appl
11 1 US-08-597-495B-21 Sequence 21, Appl
11 1 US-08-597-495B-21 Sequence 21, Appl
11 1 US-08-472-255A-121 Sequence 121, Appl
11 1 US-08-472-255A-121 Sequence 121, Appl
11 1 US-08-479-724A-121 Sequence 121, Appl
11 1 US-08-479-724A-121 Sequence 121, Appl
11 1 US-08-488-015B-14 Sequence 14, Appl
11 1 US-08-488-015B-14 Sequence 14, Appl
11 1 US-08-327-525A-34 Sequence 34, Appl
11 1 US-08-327-525A-34 Sequence 34, Appl

Sequence 35, Appl
Sequence 35, Appl
Sequence 3, Appl
Sequence 3, Appl
Sequence 2, Appl
Sequence 2, Appl
Sequence 7, Appl
Sequence 7, Appl
Sequence 18, Appl
Sequence 18, Appl
Sequence 34, Appl
Sequence 34, Appl
Sequence 35, Appl
Sequence 35, Appl
Sequence 121, App
Sequence 121, App
Sequence 3, Appl
Sequence 3, Appl
Sequence 6, Appl
Sequence 6, Appl
Sequence 3, Appl
Sequence 2, Appl
Sequence 2, Appl

ALIGNMENTS

RESULT 1
US-08-330-535A-30
; Sequence 30, Application US/08330535A
; Patent No. 5659024
; GENERAL INFORMATION:
; APPLICANT: Reed, John C.
; APPLICANT: Miyashita, Toshiyuki
; APPLICANT: Harigai, Masayoshi
; APPLICANT: Hanada, Motoi
; TITLE OF INVENTION: SCREENING ASSAYS FOR IDENTIFYING AGENTS
; TITLE OF INVENTION: THAT REGULATE THE EXPRESSION OF GENES INVOLVED IN CELL
; TITLE OF INVENTION: DEATH
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/330,535A
; FILING DATE: 27-OCT-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/182,619
; FILING DATE: 14-JAN-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LJ 1174
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double

; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-330-535A-30
Query Match 100.0%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 RRCWGWYY 10
Db 1 RRCWGWYY 10
RESULT 2
US-08-330-535A-30/c
; Sequence 30, Application US/08330535A
; Patent No. 5659024
; GENERAL INFORMATION:
; APPLICANT: Reed, John C.
; APPLICANT: Miyashita, Toshiyuki
; APPLICANT: Harigai, Masayoshi
; APPLICANT: Hanada, Motoi
; TITLE OF INVENTION: SCREENING ASSAYS FOR IDENTIFYING AGENTS
; TITLE OF INVENTION: THAT REGULATE THE EXPRESSION OF GENES INVOLVED IN CELL
; TITLE OF INVENTION: DEATH
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/330,535A
; FILING DATE: 27-OCT-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/182,619
; FILING DATE: 14-JAN-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LJ 1174
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-330-535A-30
Query Match 100.0%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 RRCWGWYY 10
Db 10 RRCWGWYY 1
RESULT 3
US-08-688-145-3
; Sequence 3, Application US/08688145

```
; Patent No. 5744310
; GENERAL INFORMATION:
; APPLICANT: Reed, John C.
; TITLE OF INVENTION: BAX Promoter Sequence and Screening
; Patent No. 5744310
; TITLE OF INVENTION: Assays for Identifying Agents that Regulate BAX Gene
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell and Flores
; STREET: 4370 La Jolla Village Drive
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/688,145
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LJ 1951
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-688-145-3

Query Match 100.0%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYY 10
Db 1 RRCWGWYY 10

RESULT 4
US-08-688-145-3/c
; Sequence 3, Application US/08688145
; Patent No. 5744310
; GENERAL INFORMATION:
; APPLICANT: Reed, John C.
; TITLE OF INVENTION: BAX Promoter Sequence and Screening
; Patent No. 5744310
; TITLE OF INVENTION: Assays for Identifying Agents that Regulate BAX Gene
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell and Flores
; STREET: 4370 La Jolla Village Drive
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/688,145
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LJ 2520
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
```

```
; APPLICATION NUMBER: US/08/688,145
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LJ 1951
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-688-145-3

Query Match 100.0%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYY 10
Db 1 RRCWGWYY 10

RESULT 5
US-08-838-844-30
; Sequence 30, Application US/08838844
; Patent No. 5908750
; GENERAL INFORMATION:
; APPLICANT: Reed, John C.
; APPLICANT: Miyashita, Toshiyuki
; APPLICANT: Harigai, Masayoshi
; APPLICANT: Hanada, Motoi
; TITLE OF INVENTION: SCREENING ASSAYS FOR IDENTIFYING AGENTS
; TITLE OF INVENTION: THAT REGULATE THE EXPRESSION OF GENES INVOLVED IN CELL
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/838,844
; FILING DATE: 11-APR-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/182,619
; FILING DATE: 14-JAN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/330,535
; FILING DATE: 27-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LJ 2520
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
```

```
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-838-844-30

Query Match      100.0%; Score 10; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RRCRCWGYYY 10
Db      1 RRCRCWGYYY 10

RESULT 6
US-08-838-844-30/c
; Sequence 30, Application US/08838844
; Patent No. 5908750
; GENERAL INFORMATION:
; APPLICANT: Reed, John C.
; APPLICANT: Miyashita, Toshiyuki
; APPLICANT: Harigai, Masayoshi
; APPLICANT: Hanada, Moroi
; TITLE OF INVENTION: SCREENING ASSAYS FOR IDENTIFYING AGENTS
; TITLE OF INVENTION: THAT REGULATE THE EXPRESSION OF GENES INVOLVED IN CELL
; TITLE OF INVENTION: DEATH
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/838,844
; FILING DATE: 11-APR-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/182,619
; FILING DATE: 14-JAN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/330,535
; FILING DATE: 27-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LJ 2520
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-838-844-30

Query Match      100.0%; Score 10; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RRCRCWGYYY 10
Db      10 RRCRCWGYYY 10
```

```
RESULT 7
US-08-299-074A-3
; Sequence 3, Application US/08299074A
; Patent No. 5955263
; GENERAL INFORMATION:
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Sherman, Michael
; TITLE OF INVENTION: SEQUENCE SPECIFIC DNA BINDING
; TITLE OF INVENTION: BY P53
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff
; STREET: 1001 G Street, NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/299,074A
; FILING DATE: 01-SEP-1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/860,758
; FILING DATE: 31-MAR-1992
; APPLICATION NUMBER: 07/715,182
; FILING DATE: 14-JUN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32141
; REFERENCE/DOCKET NUMBER: 01107.47071
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; TELEX:
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-299-074A-3

Query Match      100.0%; Score 10; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RRCRCWGYYY 10
Db      1 RRCRCWGYYY 10

RESULT 8
US-08-299-074A-3/c
; Sequence 3, Application US/08299074A
; Patent No. 5955263
; GENERAL INFORMATION:
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Sherman, Michael
; TITLE OF INVENTION: SEQUENCE SPECIFIC DNA BINDING
; TITLE OF INVENTION: BY P53
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff
; STREET: 1001 G Street, NW
```

```

; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/299,074A
; FILING DATE: 01-SEP-1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/860,758
; FILING DATE: 31-MAR-1992
; APPLICATION NUMBER: 07/715,182
; FILING DATE: 14-JUN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A
; REGISTRATION NUMBER: 32141
; REFERENCE/DOCKET NUMBER: 01107.47071
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; TELEX:
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-299-074A-3

Query Match 100.0%; Score 10; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYYY 10
DB 10 RRCWGWYYY 1

RESULT 9
US-09-173-914-29
; Sequence 29, Application US/09173914
; Patent No. 6171857
; GENERAL INFORMATION:
; APPLICANT: Hendrickson, Eric
; TITLE OF INVENTION: A No. 6171857el Leucine Zipper, KARP-1 and
; FILE REFERENCE: B0877/7017/HK
; CURRENT APPLICATION NUMBER: US/09/173,914
; EARLIER FILING DATE: 1998-10-16
; CURRENT FILING DATE: 1997-10-17
; SOFTWARE: FastSeq for Windows Version 3.0
; NUMBER OF SEQ ID NOS: 35
; SEQ ID NO 29
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-173-914-29

Query Match 100.0%; Score 10; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYYY 10
DB 10 RRCWGWYYY 1

RESULT 10
US-09-173-914-29/c
; Sequence 29, Application US/09173914
; Patent No. 6171857
; GENERAL INFORMATION:
; APPLICANT: Hendrickson, Eric
; TITLE OF INVENTION: A No. 6171857el Leucine Zipper, KARP-1 and
; FILE REFERENCE: B0877/7017/HK
; CURRENT APPLICATION NUMBER: US/09/173,914
; EARLIER FILING DATE: 1998-10-16
; CURRENT FILING DATE: 1997-10-17
; SOFTWARE: FastSeq for Windows Version 3.0
; NUMBER OF SEQ ID NOS: 35
; SEQ ID NO 29
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-173-914-29

Query Match 100.0%; Score 10; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYYY 10
DB 10 RRCWGWYYY 1

RESULT 11
US-09-399-773-3
; Sequence 3, Application US/09399773
; Patent No. 6245515
; GENERAL INFORMATION:
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Sherman, Michael
; TITLE OF INVENTION: SEQUENCE SPECIFIC DNA BINDING
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff
; STREET: 1001 G Street, NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/399,773
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/299,074
; FILING DATE:
; APPLICATION NUMBER: 07/715,182
; FILING DATE: 14-JUN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A
; REGISTRATION NUMBER: 32141
; REFERENCE/DOCKET NUMBER: 01107.47071
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; TELEX:
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; US-09-173-914-29
```



```
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-399-773-3

Query Match      100.0%; Score 10; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCRCWGYYY 10
   |||||
Db 1 RRCRCWGYYY 10

RESULT 12
US-09-399-773-3/c
; Sequence 3, Application US/09399773
; Patent No. 6245515
; GENERAL INFORMATION:
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Sherman, Michael
; TITLE OF INVENTION: SEQUENCE SPECIFIC DNA BINDING
; FILE REFERENCE: BY P53
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff
; STREET: 1001 G Street, NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/399,773
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/299,074
; FILING DATE:
; APPLICATION NUMBER: 07/715,182
; FILING DATE: 14-JUN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A
; REGISTRATION NUMBER: 32141
; REFERENCE/DOCKET NUMBER: 01107.47071
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; TELEX:
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-399-773-3

Query Match      100.0%; Score 10; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCRCWGYYY 10
   |||||
Db 10 RRCRCWGYYY 1

RESULT 13
US-09-928-385B-24

; Sequence 24, Application US/09928385B
; Patent No. 6544746
; GENERAL INFORMATION:
; APPLICANT: Heyduk, Tomasz
; TITLE OF INVENTION: A Rapid and Sensitive Proximity-Based Assay for the Detection
; FILE REFERENCE: 16153-7963
; CURRENT APPLICATION NUMBER: US/09/928,385B
; CURRENT FILING DATE: 2002-01-14
; NUMBER OF SEQ ID NOS: 24
; SEQ ID NO 24
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY:
; LOCATION:
; OTHER INFORMATION: These sequences were chemically synthesized,
; OTHER INFORMATION: but may also be created via recombinant methods.
US-09-928-385B-24

Query Match      100.0%; Score 10; DB 4; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCRCWGYYY 10
   |||||
Db 1 RRCRCWGYYY 10

RESULT 14
US-09-928-385B-24/c
; Sequence 24, Application US/09928385B
; Patent No. 6544746
; GENERAL INFORMATION:
; APPLICANT: Heyduk, Tomasz
; TITLE OF INVENTION: A Rapid and Sensitive Proximity-Based Assay for the Detection
; FILE REFERENCE: 16153-7963
; CURRENT APPLICATION NUMBER: US/09/928,385B
; CURRENT FILING DATE: 2002-01-14
; NUMBER OF SEQ ID NOS: 24
; SEQ ID NO 24
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY:
; LOCATION:
; OTHER INFORMATION: These sequences were chemically synthesized,
; OTHER INFORMATION: but may also be created via recombinant methods.
US-09-928-385B-24

Query Match      100.0%; Score 10; DB 4; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCRCWGYYY 10
   |||||
Db 10 RRCRCWGYYY 1

RESULT 15
US-08-260-190-21
; Sequence 21, Application US/08260190A
; Patent No. 6774117
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; FILE REFERENCE: D-0021-2
; CURRENT APPLICATION NUMBER: US/08/260,190A
```

; CURRENT FILING DATE: 1994-06-15
; EARLIER APPLICATION NUMBER: 08/177,093
; EARLIER FILING DATE: 1993-12-30
; EARLIER APPLICATION NUMBER: 07/964,589
; EARLIER FILING DATE: 1992-10-21
; EARLIER APPLICATION NUMBER: PV-709-92
; EARLIER FILING DATE: 1992-03-11
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 21
; LENGTH: 10
; TYPE: DNA
; ORGANISM: HUMAN
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(10)
US-08-260-190-21

Query Match 100.0%; Score 10; DB 4; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYY 10
|||
DB 1 RRCWGWYY 10

RESULT 16
US-08-260-190-21/c
; Sequence 21, Application US/08260190A
; Patent No. 6774117
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorek, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; FILE REFERENCE: D-0021-2
; CURRENT APPLICATION NUMBER: US/08/260,190A
; CURRENT FILING DATE: 1994-06-15
; EARLIER APPLICATION NUMBER: 08/177,093
; EARLIER FILING DATE: 1993-12-30
; EARLIER APPLICATION NUMBER: 07/964,589
; EARLIER FILING DATE: 1992-10-21
; EARLIER APPLICATION NUMBER: PV-709-92
; EARLIER FILING DATE: 1992-03-11
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 21
; LENGTH: 10
; TYPE: DNA
; ORGANISM: HUMAN
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(10)
US-08-260-190-21

Query Match 100.0%; Score 10; DB 4; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYY 10
|||
DB 10 RRCWGWYY 1

RESULT 17
US-09-210-748A-6
; Sequence 6, Application US/09210748A
; Patent No. 6335156
; GENERAL INFORMATION:
; APPLICANT: Hermeking, Heiko
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth

; TITLE OF INVENTION: 14-3-3 SIGMA ARREST THE CELL CYCLE
; FILE REFERENCE: 1107.77810
; CURRENT APPLICATION NUMBER: US/09/210,748A
; CURRENT FILING DATE: 1998-12-15
; PRIOR APPLICATION NUMBER: 60/069,416
; PRIOR FILING DATE: 1997-12-18
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-210-748A-6

Query Match 100.0%; Score 10; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYY 10
|||
DB 1 RRCWGWYY 10

RESULT 18
US-09-210-748A-6/c
; Sequence 6, Application US/09210748A
; Patent No. 6335156
; GENERAL INFORMATION:
; APPLICANT: Hermeking, Heiko
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
; TITLE OF INVENTION: 14-3-3 SIGMA ARREST THE CELL CYCLE
; FILE REFERENCE: 1107.77810
; CURRENT APPLICATION NUMBER: US/09/210,748A
; CURRENT FILING DATE: 1998-12-15
; PRIOR APPLICATION NUMBER: 60/069,416
; PRIOR FILING DATE: 1997-12-18
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-210-748A-6

Query Match 100.0%; Score 10; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYY 10
|||
DB 20 RRCWGWYY 11

RESULT 19
US-09-939-581A-6
; Sequence 6, Application US/09939581A
; Patent No. 6740523
; GENERAL INFORMATION:
; APPLICANT: Hermeking, Heiko
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
; TITLE OF INVENTION: 14-3-3 SIGMA ARREST THE CELL CYCLE
; FILE REFERENCE: 1107.77810
; CURRENT APPLICATION NUMBER: US/09/939,581A
; CURRENT FILING DATE: 2001-08-28
; PRIOR APPLICATION NUMBER: 09/210,748
; PRIOR FILING DATE: 1998-12-15
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA

```
/ ORGANISM: Homo sapiens
US-09-939-581A-6

Query Match      100.0%; Score 10; DB 4; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYYY 10
Db 1 RRRCWGYYY 10

RESULT 20
US-09-939-581A-6/c
; Sequence 6, Application US/09939581A
; Patent No. 6740523
; GENERAL INFORMATION:
; APPLICANT: Hermeking, Heiko
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
; TITLE OF INVENTION: 14-3-3 SIGMA ARREST THE CELL CYCLE
; FILE REFERENCE: 1107.77810
; CURRENT APPLICATION NUMBER: US/09/939,581A
; CURRENT FILING DATE: 2001-08-28
; PRIOR APPLICATION NUMBER: 09/210,748
; PRIOR FILING DATE: 1998-12-15
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-939-581A-6

Query Match      100.0%; Score 10; DB 4; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYYY 10
Db 20 RRRCWGYYY 11

RESULT 21
US-08-713-052-4
; Sequence 4, Application US/08713052
; Patent No. 5840673
; GENERAL INFORMATION:
; APPLICANT: Buckbinder, Leonard R.
; APPLICANT: Kley, Nikolai
; APPLICANT: Seizinger, Bernd
; TITLE OF INVENTION: Insulin-Like Growth Factor Binding
; REFERENCE/DOCKET NUMBER: Protein 3 (IGF-BP3) in Treatment of P53-Related Tumors
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bristol-Myers Squibb Company
; STREET: P.O. Box 4000
; CITY: Princeton
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 08543-4000
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/713,052
; FILING DATE: 12-SEP-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Gaul, Timothy J.
; REGISTRATION NUMBER: 33,111
; REFERENCE/DOCKET NUMBER: DC38a
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 252-5501
; TELEFAX: (609) 252-4526
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
US-08-713-052-4

Query Match      100.0%; Score 10; DB 2; Length 21;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYYY 10
Db 21 RRRCWGYYY 12
```

```
/ REFERENCE/DOCKET NUMBER: DC38a
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (609) 252-5501
/ TELEFAX: (609) 252-4526
/ INFORMATION FOR SEQ ID NO: 4:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
US-08-713-052-4

Query Match      100.0%; Score 10; DB 2; Length 21;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYYY 10
Db 1 RRRCWGYYY 10

RESULT 22
US-08-713-052-4/c
; Sequence 4, Application US/08713052
; Patent No. 5840673
; GENERAL INFORMATION:
; APPLICANT: Buckbinder, Leonard R.
; APPLICANT: Kley, Nikolai
; APPLICANT: Seizinger, Bernd
; TITLE OF INVENTION: Insulin-Like Growth Factor Binding
; REFERENCE/DOCKET NUMBER: Protein 3 (IGF-BP3) in Treatment of P53-Related Tumors
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bristol-Myers Squibb Company
; STREET: P.O. Box 4000
; CITY: Princeton
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 08543-4000
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/713,052
; FILING DATE: 12-SEP-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Gaul, Timothy J.
; REGISTRATION NUMBER: 33,111
; REFERENCE/DOCKET NUMBER: DC38a
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 252-5501
; TELEFAX: (609) 252-4526
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
US-08-713-052-4

Query Match      100.0%; Score 10; DB 2; Length 21;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYYY 10
Db 21 RRRCWGYYY 12
```

RESULT 23
US-08-446-668-8
; Sequence 8, Application US/08446668
; Patent No. 6140058
; GENERAL INFORMATION:
; APPLICANT: Lane, David P.
; APPLICANT: Hupp, Theodore R.
; TITLE OF INVENTION: ACTIVATION OF P53 PROTEIN
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr Hobbach Test Albritton & Herbert LLP
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/446,668
; FILING DATE: 24-JUL-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Dreger, Walter H.
; REGISTRATION NUMBER: 24,190
; REFERENCE/DOCKET NUMBER: A-61269/WH/MTK
; TELEPHONE: 415-398-3249
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-446-668-8
Query Match 90.0%; Score 9; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2 RRCWGWY 10
Db 9 RRCWGWY 1
RESULT 24
US-08-446-668-8/c
; Sequence 8, Application US/08446668
; Patent No. 6140058
; GENERAL INFORMATION:
; APPLICANT: Lane, David P.
; APPLICANT: Hupp, Theodore R.
; TITLE OF INVENTION: ACTIVATION OF P53 PROTEIN
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr Hobbach Test Albritton & Herbert LLP
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/446,668
; FILING DATE: 24-JUL-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Dreger, Walter H.
; REGISTRATION NUMBER: 24,190
; REFERENCE/DOCKET NUMBER: A-61269/WH/MTK
; TELEPHONE: 415-398-3249
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-446-668-8
Query Match 90.0%; Score 9; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 RRCWGWY 9
Db 1 RRCWGWY 9
RESULT 25
US-09-196-099-15
; Sequence 15, Application US/09196099
; Patent No. 6465246
; GENERAL INFORMATION:
; APPLICANT: MUELLER, Rolf
; APPLICANT: SEDLACEK, Hans-Harald
; TITLE OF INVENTION: ONCOGENE- OR VIRUS-CONTROLLED EXPRESSION SYSTEM
; FILE REFERENCE: 26083/190
; CURRENT APPLICATION NUMBER: US/09/196,099
; CURRENT FILING DATE: 1998-11-20
; EARLIER APPLICATION NUMBER: DE 19751587.8
; EARLIER FILING DATE: 1997-11-21
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 15
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-196-099-15
Query Match 70.0%; Score 7; DB 3; Length 7;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 RRCWGW 7
Db 1 RRCWGW 7
RESULT 26
US-09-196-099-15/c
; Sequence 15, Application US/09196099
; Patent No. 6465246
; GENERAL INFORMATION:
; APPLICANT: MUELLER, Rolf
; APPLICANT: SEDLACEK, Hans-Harald
; TITLE OF INVENTION: ONCOGENE- OR VIRUS-CONTROLLED EXPRESSION SYSTEM
; FILE REFERENCE: 26083/190
; CURRENT APPLICATION NUMBER: US/09/196,099
; CURRENT FILING DATE: 1998-11-20
; EARLIER APPLICATION NUMBER: DE 19751587.8
; EARLIER FILING DATE: 1997-11-21
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.0

; APPLICATION NUMBER: US/08/446,668
; FILING DATE: 24-JUL-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Dreger, Walter H.
; REGISTRATION NUMBER: 24,190
; REFERENCE/DOCKET NUMBER: A-61269/WH/MTK
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-446-668-8

Query Match 90.0%; Score 9; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2 RRCWGWY 10
Db 9 RRCWGWY 1

RESULT 25
US-09-196-099-15
; Sequence 15, Application US/09196099
; Patent No. 6465246
; GENERAL INFORMATION:
; APPLICANT: MUELLER, Rolf
; APPLICANT: SEDLACEK, Hans-Harald
; TITLE OF INVENTION: ONCOGENE- OR VIRUS-CONTROLLED EXPRESSION SYSTEM
; FILE REFERENCE: 26083/190
; CURRENT APPLICATION NUMBER: US/09/196,099
; CURRENT FILING DATE: 1998-11-20
; EARLIER APPLICATION NUMBER: DE 19751587.8
; EARLIER FILING DATE: 1997-11-21
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 15
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-196-099-15

Query Match 70.0%; Score 7; DB 3; Length 7;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGW 7
Db 1 RRCWGW 7

RESULT 26
US-09-196-099-15/c
; Sequence 15, Application US/09196099
; Patent No. 6465246
; GENERAL INFORMATION:
; APPLICANT: MUELLER, Rolf
; APPLICANT: SEDLACEK, Hans-Harald
; TITLE OF INVENTION: ONCOGENE- OR VIRUS-CONTROLLED EXPRESSION SYSTEM
; FILE REFERENCE: 26083/190
; CURRENT APPLICATION NUMBER: US/09/196,099
; CURRENT FILING DATE: 1998-11-20
; EARLIER APPLICATION NUMBER: DE 19751587.8
; EARLIER FILING DATE: 1997-11-21
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.0

```

; SEQ ID NO 15
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-196-099-

```

```

Query Match          70.0%; Score 7; DB 3; Length 7;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

Qy 4 CWGYY 10
7 CWGYY 1

```

RESULT 27
US-08-299-074A-39
; Sequence 39, Application US/08299074A
; Patent No. 595263
; GENERAL INFORMATION:
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Sherman, Michael
; TITLE OF INVENTION: SEQUENCE SPECIFIC DNA BINDING

```

Query Match 50.0%; Score 5; DB 2; Length 5;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 5; Conservative 0; Mismatches 0; Indels

QY 1 R R R C W 5
|||
Db 1 R R R C W 5

RESULT 28

```

US-08-299-074A-39/C
; Sequence 39, Application US/08299074A
; Patent No. 5955263
;
; GENERAL INFORMATION:
;
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Sherman, Michael
; TITLE OF INVENTION: SEQUENCE SPECIFIC DNA BINDING
; TITLE OF INVENTION: BY P53
; NUMBER OF SEQUENCES: 41
;
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff
; STREET: 1001 G Street, NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001

```

```
Query Match      50.0%; Score 5; DB 2; Length 5;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

Qy	6	WGYY	10
Dy	5	WGYY	1

```

RESULT 29
US-09-399-773-39
; Sequence 39, Application US/09399773
; Patent No. 6245515
; GENERAL INFORMATION:
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Sherman, Michael
; TITLE OF INVENTION: SEQUENCE SPECIFIC DNA BINDING
; TITLE OF INVENTION: BY P53
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bamner & Witcoff
; STREET: 1001 G Street, NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA

```

ZIP: 20001
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA: US/09/399,773
APPLICATION NUMBER: US/09/399,773
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/299,074
FILING DATE: 07/715,182
FILING DATE: 14-JUN-1991
ATTORNEY/AGENT INFORMATION:
NAME: Kagan, Sarah A
REGISTRATION NUMBER: 32141
REFERENCE/DOCKET NUMBER: 01107.47071
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
TELEX:
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-399-773-39

Query Match 50.0%; Score 5; DB 3; Length 5;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCW 5
Db 1 RRCW 5

RESULT 30
US-09-399-773-39/c
Sequence 39, Application US/09399773
Patent No. 6245515
GENERAL INFORMATION:
APPLICANT: Vogelstein, Bert
APPLICANT: Kinzler, Kenneth
APPLICANT: Sherman, Michael
TITLE OF INVENTION: SEQUENCE SPECIFIC DNA BINDING
TITLE OF INVENTION: By P53
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff
STREET: 1001 G Street, NW
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20001
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/399,773
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/299,074
FILING DATE:
APPLICATION NUMBER: 07/715,182
FILING DATE: 14-JUN-1991
ATTORNEY/AGENT INFORMATION:

NAME: Kagan, Sarah A
REGISTRATION NUMBER: 32141
REFERENCE/DOCKET NUMBER: 01107.47071
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
TELEX:
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-399-773-39

Query Match 50.0%; Score 5; DB 3; Length 5;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6 WGYYY 10
Db 5 WGYYY 1

RESULT 31
US-08-474-542A-134
Sequence 134, Application US/08474542A
Patent No. 5527898
GENERAL INFORMATION:
APPLICANT: Bauer, Heidi M.
APPLICANT: Gravitt, Patti E.
APPLICANT: Greer, Catherine E.
APPLICANT: Imprim, Chaka C.
APPLICANT: Manos, M. Michele
APPLICANT: Resnick, Robert M.
TITLE OF INVENTION: Detection of Human Papillomavirus by the
TITLE OF INVENTION: Polymerase Chain Reaction
NUMBER OF SEQUENCES: 298
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/474,542A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Petty, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 9234
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 134:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-474-542A-134

Query Match 50.0%; Score 5; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
Qy 5 WGGYY 9
Db 11 WGGYY 15

RESULT 32
US-08-474-542A-134/c
; Sequence 134, Application US/08474542A
; Patent No. 5527898
; GENERAL INFORMATION:
; APPLICANT: Bauer, Heidi M.
; APPLICANT: Gravitt, Patti E.
; APPLICANT: Greer, Catherine E.
; APPLICANT: Impraïm, Chaka C.
; APPLICANT: Manos, M. Michele
; APPLICANT: Resnick, Robert M.
; TITLE OF INVENTION: Detection of Human Papillomavirus by the
; METHOD OF INVENTION: Polymerase Chain Reaction
; NUMBER OF SEQUENCES: 298
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/474,542A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petry, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 9234
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2974
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 134:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-474-542A-134

Query Match 50.0%; Score 5; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 RRCWW 6
Db 15 RRCWW 11

RESULT 33
US-08-457-648-134
; Sequence 134, Application US/08457648
; Patent No. 5639871
; GENERAL INFORMATION:
; APPLICANT: Bauer, Heidi M.
; APPLICANT: Gravitt, Patti E.
; APPLICANT: Greer, Catherine E.
; APPLICANT: Impraïm, Chaka C.
; APPLICANT: Manos, M. Michele
; APPLICANT: Resnick, Robert M.
; TITLE OF INVENTION: Detection of Human Papillomavirus by the
; METHOD OF INVENTION: Polymerase Chain Reaction
; NUMBER OF SEQUENCES: 298
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/457,648
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petry, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 9234
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2974
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 134:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-457-648-134

Query Match 50.0%; Score 5; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5 WGGYY 9
Db 11 WGGYY 15

RESULT 34
US-08-457-648-134/c
; Sequence 134, Application US/08457648
; Patent No. 5639871
; GENERAL INFORMATION:
; APPLICANT: Bauer, Heidi M.
; APPLICANT: Gravitt, Patti E.
; APPLICANT: Greer, Catherine E.
; APPLICANT: Impraïm, Chaka C.
; APPLICANT: Manos, M. Michele
; APPLICANT: Resnick, Robert M.
; TITLE OF INVENTION: Detection of Human Papillomavirus by the
; METHOD OF INVENTION: Polymerase Chain Reaction
; NUMBER OF SEQUENCES: 298
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/457,648
; FILING DATE:
; CLASSIFICATION: 435
```


ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 9205
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 134:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-457-648-134

Query Match 50.0%; Score 5; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRCW 6
DB 15 RRCW 11

RESULT 35
US-08-259-612A-9
Sequence 9, Application US/08259612A
Patent No. 5688918
GENERAL INFORMATION:
APPLICANT: Kulesz-Martin, Molly F.
TITLE OF INVENTION: P53as PROTEIN AND ANTIBODY
TITLE OF INVENTION: THEREFOR
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dunn & Associates, P.C.
STREET: P.O. Box 96
CITY: Newfane
STATE: New York
COUNTRY: U.S.A.
ZIP: 14108
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.50 inch, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: Victor 300 SX/25 (IBM PC Compatible)
OPERATING SYSTEM: MS-DOS Version 5.0
SOFTWARE: Wordstar Professional Release 4
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/259,612A
FILING DATE: 14-Jun-1994
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/195,952
FILING DATE: 14-Feb-1994
ATTORNEY/AGENT INFORMATION:
NAME: Dunn, Michael L.
REGISTRATION NUMBER: 25,330
REFERENCE/DOCKET NUMBER: RPP.135B US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (716) 433-1661
TELEFAX: (716) 433-1665
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 10
TYPE: Nucleic Acid
STRANDEDNESS: Unknown
TOPOLOGY: Unknown
MOLECULE TYPE:
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
ORGANISM:

STRAIN:
INDIVIDUAL ISOLATE:
DEVELOPMENTAL STAGE:
HAPLOTYPE:
TISSUE TYPE:
CELL TYPE:
CELL LINE:
ORGANELLE:
IMMEDIATE SOURCE:
LIBRARY:
CLONE:
POSITION IN GENOME:
CHROMOSOME/SEGMENT:
MAP POSITION:
UNITS:
FEATURE:
NAME/KEY:
LOCATION:
IDENTIFICATION METHOD:
OTHER INFORMATION:
PUBLICATION INFORMATION:
AUTHORS: El - Diery et al.
TITLE: DEFINITION OF A CONCENTUS BINDING
TITLE: SITE FOR P53
JOURNAL: Nature Genetics
VOLUME: 1
ISSUE:
PAGES: 45-49
DATE: April, 1992
DOCUMENT NUMBER:
FILING DATE:
PUBLICATION DATE:
RELEVANT RESIDUES IN SEQ ID NO:
US-08-259-612A-9

Query Match 40.0%; Score 4; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CWWG 7
DB 4 CWWG 7

RESULT 36
US-08-259-612A-9/c
Sequence 9, Application US/08259612A
Patent No. 5688918
GENERAL INFORMATION:
APPLICANT: Kulesz-Martin, Molly F.
TITLE OF INVENTION: P53as PROTEIN AND ANTIBODY
TITLE OF INVENTION: THEREFOR
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dunn & Associates, P.C.
STREET: P.O. Box 96
CITY: Newfane
STATE: New York
COUNTRY: U.S.A.
ZIP: 14108
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.50 inch, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: Victor 300 SX/25 (IBM PC Compatible)
OPERATING SYSTEM: MS-DOS Version 5.0
SOFTWARE: Wordstar Professional Release 4
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/259,612A
FILING DATE: 14-Jun-1994
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/195,952
FILING DATE: 14-Feb-1994

ATTORNEY/AGENT INFORMATION:
NAME: Dunn, Michael L.
REGISTRATION NUMBER: 25,330
REFERENCE/DOCKET NUMBER: RPP:135B US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (716) 433-1661
TELEFAX: (716) 433-1665
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 10
TYPE: Nucleic Acid
STRANDEDNESS: Unknown
TOPOLOGY: Unknown
MOLECULE TYPE:
HYPOTHETICAL: No
ANTI-SENSE: No
FRAGMENT TYPE:
ORIGINAL SOURCE:
ORGANISM:
STRAIN:
INDIVIDUAL ISOLATE:
DEVELOPMENTAL STAGE:
HAPLOTYPE:
TISSUE TYPE:
CELL TYPE:
CELL LINE:
ORGANELLE:
IMMEDIATE SOURCE:
LIBRARY:
CLONE:
POSITION IN GENOME:
CHROMOSOME/SEGMENT:
MAP POSITION:
UNITS:
FEATURE:
NAME/KEY:
LOCATION:
IDENTIFICATION METHOD:
OTHER INFORMATION:
PUBLICATION INFORMATION:
AUTHORS: El - Diery et al.
TITLE: DEFINITION OF A CONGENUS BINDING
TITLE: SITE FOR p53
JOURNAL: Nature Genetics
VOLUME: 1
ISSUE:
PAGES: 45-49
DATE: April, 1992
DOCUMENT NUMBER:
FILING DATE:
PUBLICATION DATE:
RELEVANT RESIDUES IN SEQ ID NO:
US-08-259-612A-9

Query Match 40.0%; Score 4; DB 1; Length 10;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CWWG 7

Db 7 CWWG 4

RESULT 37

US-08-644-291-9
Sequence 9, Application US/08644291
Patent No. 5726024
GENERAL INFORMATION:
APPLICANT: Kulesz-Martin, Molly F.
TITLE OF INVENTION: p53as PROTEIN AND ANTIBODY
TITLE OF INVENTION: THEREFOR
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:

ADDRESSEE: Dunn & Associates
STREET: P.O. Box 96
CITY: Newfane
STATE: New York
COUNTRY: U.S.A.
ZIP: 14108
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.50 inch, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: Victor 300 SX/25 (IBM PC Compatible)
OPERATING SYSTEM: MS-DOS Version 5.0
SOFTWARE: Wordstar Professional Release 4
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/644,291
FILING DATE: 10-May-1996
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/259,612
FILING DATE: 14-Jun-1994
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/195,952
FILING DATE: 11-Feb-1994
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/100,496
FILING DATE: 02-Aug-1993
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Dunn, Michael L.
REGISTRATION NUMBER: 25,330
REFERENCE/DOCKET NUMBER: RPP:135E US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (716) 433-1661
TELEFAX: (716) 433-1665
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 10
TYPE: Nucleic Acid
STRANDEDNESS: Unknown
TOPOLOGY: Unknown
MOLECULE TYPE:
HYPOTHETICAL: No
ANTI-SENSE: No
FRAGMENT TYPE:
ORIGINAL SOURCE:
ORGANISM:
STRAIN:
INDIVIDUAL ISOLATE:
DEVELOPMENTAL STAGE:
HAPLOTYPE:
TISSUE TYPE:
CELL TYPE:
CELL LINE:
ORGANELLE:
IMMEDIATE SOURCE:
LIBRARY:
CLONE:
POSITION IN GENOME:
CHROMOSOME/SEGMENT:
MAP POSITION:
UNITS:
FEATURE:
NAME/KEY:
LOCATION:
IDENTIFICATION METHOD:
OTHER INFORMATION:
PUBLICATION INFORMATION:
AUTHORS: El - Diery et al.
TITLE: DEFINITION OF A CONGENUS BINDING
TITLE: SITE FOR p53
JOURNAL: Nature Genetics
VOLUME: 1

```

;
;
; ISSUE: 45-49
; DATE: April, 1992
; DOCUMENT NUMBER:
; FILING DATE:
; PUBLICATION DATE:
; RELEVANT RESIDUES IN SEQ ID NO:
US-08-644-291-9

Query Match 40.0%; Score 4; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CWG 7
Db 4 CWG 7

RESULT 38
US-08-644-291-9/c
; Sequence 9, Application US/08644291
; Patent No. 5726024
; GENERAL INFORMATION:
; APPLICANT: Kulesz-Martin, Molly F.
; TITLE OF INVENTION: P53se PROTEIN AND ANTIBODY
; TITLE OF INVENTION: THEREFOR
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dunn & Associates
; STREET: P.O. Box 96
; CITY: Newfane
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 14108
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.50 inch, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: Victor 300 SX/25 (IBM PC Compatible)
; OPERATING SYSTEM: MS-DOS Version 5.0
; SOFTWARE: Wordstar Professional Release 4
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/644,291
; FILING DATE: 10-May-1996
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/259,612
; FILING DATE: 14-Jun-1994
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/195,952
; FILING DATE: 11-Feb-1994
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/100,496
; FILING DATE: 02-Aug-1993
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Dunn, Michael L.
; REGISTRATION NUMBER: 25,330
; REFERENCE/DOCKET NUMBER: RPP-135E US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 433-1661
; TELEFAX: (716) 433-1665
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10
; TYPE: Nucleic Acid
; STRANDEDNESS: Unknown
; TOPOLOGY: Unknown
; MOLECULE TYPE:
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:

;
;
; ORIGINAL SOURCE:
; ORGANISM:
; STRAIN:
; INDIVIDUAL ISOLATE:
; DEVELOPMENTAL STAGE:
; HAPLOTYPE:
; TISSUE TYPE:
; CELL TYPE:
; CELL LINE:
; ORGANELLE:
; IMMEDIATE SOURCE:
; LIBRARY:
; CLONE:
; POSITION IN GENOME:
; CHROMOSOME/SEGMENT:
; MAP POSITION:
; UNITS:
; FEATURE:
; NAME/KEY:
; LOCATION:
; IDENTIFICATION METHOD:
; OTHER INFORMATION:
; PUBLICATION INFORMATION:
; AUTHORS: El - Diery et al.
; TITLE: DEFINITION OF A CONCENTUS BINDING
; JOURNAL: Nature Genetics
; VOLUME: 1
; ISSUE:
; PAGES: 45-49
; DATE: April, 1992
; DOCUMENT NUMBER:
; FILING DATE:
; PUBLICATION DATE:
; RELEVANT RESIDUES IN SEQ ID NO:
US-08-644-291-9

Query Match 40.0%; Score 4; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CWG 7
Db 7 CWG 4

RESULT 39
US-09-672-717-212
; Sequence 212, Application US/09672717
; Patent No. 6673917
; GENERAL INFORMATION:
; APPLICANT: Korneluk, Robert G.
; APPLICANT: LaCasse, Eric
; APPLICANT: Baird, Stephen
; APPLICANT: Holcik, Martin
; APPLICANT: Young, Sean
; TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
; FILE REFERENCE: 07891/025001
; CURRENT APPLICATION NUMBER: US/09/672,717
; CURRENT FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 212
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 1,17,18
; OTHER INFORMATION: y=um
; NAME/KEY: modified_base
; LOCATION: 19
```

OTHER INFORMATION: Y=cm
OTHER INFORMATION: based on Homo sapiens
US-09-672-717-212

Query Match 40.0%; Score 4; DB 4; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GYYY 10
DB 16 GYYY 19

RESULT 40

US-09-672-717-212/c

Sequence 212, Application US/09672717

Patent No. 6673917

GENERAL INFORMATION:

APPLICANT: Korneluk, Robert G.

APPLICANT: LaCasse, Eric

APPLICANT: Baird, Stephen

APPLICANT: Holcik, Martin

APPLICANT: Young, Sean

TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses

TITLE OF INVENTION: Thereof

FILE REFERENCE: 07891/025001

CURRENT APPLICATION NUMBER: US/09/672,717

CURRENT FILING DATE: 2000-09-28

NUMBER OF SEQ ID NOS: 231

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 212

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

NAME/KEY: modified_base

LOCATION: 1,17,18

OTHER INFORMATION: Y=um

NAME/KEY: modified_base

LOCATION: 19

OTHER INFORMATION: Y=cm

OTHER INFORMATION: based on Homo sapiens

US-09-672-717-212

Query Match 40.0%; Score 4; DB 4; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 4
DB 19 RRR 16

RESULT 41

US-08-474-542A-133

Sequence 133, Application US/08474542A

Patent No. 5527898

GENERAL INFORMATION:

APPLICANT: Bauer, Heidi M.

APPLICANT: Gravitt, Patti E.

APPLICANT: Greer, Catherine E.

APPLICANT: Imprim, Chaka C.

APPLICANT: Manos, M. Michele

APPLICANT: Resnick, Robert M.

TITLE OF INVENTION: Detection of Human Papillomavirus by the

TITLE OF INVENTION: Polymerase Chain Reaction

NUMBER OF SEQUENCES: 298

CORRESPONDENCE ADDRESS:

ADDRESSEE: Hoffmann-La Roche Inc.

STREET: 340 Kingsland Street

CITY: Nutley

STATE: New Jersey

COUNTRY: U.S.A.

ZIP: 07110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/474,542A

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Petry, Douglas A.

REGISTRATION NUMBER: 35,321

REFERENCE/DOCKET NUMBER: 9234

TELEPHONE: (510) 814-2974

TELEFAX: (510) 814-2977

INFORMATION FOR SEQ ID NO: 133:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

US-08-474-542A-133

Query Match 40.0%; Score 4; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 WWGY 8
DB 11 WWGY 14

RESULT 42

US-08-474-542A-133/c

Sequence 133, Application US/08474542A

Patent No. 5527898

GENERAL INFORMATION:

APPLICANT: Bauer, Heidi M.

APPLICANT: Gravitt, Patti E.

APPLICANT: Greer, Catherine E.

APPLICANT: Imprim, Chaka C.

APPLICANT: Manos, M. Michele

APPLICANT: Resnick, Robert M.

TITLE OF INVENTION: Detection of Human Papillomavirus by the

TITLE OF INVENTION: Polymerase Chain Reaction

NUMBER OF SEQUENCES: 298

CORRESPONDENCE ADDRESS:

ADDRESSEE: Hoffmann-La Roche Inc.

STREET: 340 Kingsland Street

CITY: Nutley

STATE: New Jersey

COUNTRY: U.S.A.

ZIP: 07110

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/474,542A

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Petry, Douglas A.

REGISTRATION NUMBER: 35,321

REFERENCE/DOCKET NUMBER: 9234

TELEPHONE: (510) 814-2974

TELEFAX: (510) 814-2977

INFORMATION FOR SEQ ID NO: 133:

```

; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-474-542A-133

Query Match 40.0%; Score 4; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RCW 6
Db 14 RCW 11

RESULT 43
US-08-474-542A-135
; Sequence 135, Application US/08474542A
; Patent No. 5527898
; GENERAL INFORMATION:
; APPLICANT: Bauer, Heidi M.
; APPLICANT: Gravitt, Patti E.
; APPLICANT: Greer, Catherine E.
; APPLICANT: Imprim, Chaka C.
; APPLICANT: Manos, M. Michele
; APPLICANT: Resnick, Robert M.
; TITLE OF INVENTION: Detection of Human Papillomavirus by the
; POLYMERASE CHAIN REACTION
; NUMBER OF SEQUENCES: 298
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/474,542A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petry, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 9234
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2974
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 135:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-474-542A-135

Query Match 40.0%; Score 4; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RCW 5
Db 15 RCW 12

RESULT 45
US-08-457-648-133
; Sequence 133, Application US/08457648
; Patent No. 5639871
; GENERAL INFORMATION:
; APPLICANT: Bauer, Heidi M.
; APPLICANT: Gravitt, Patti E.
; APPLICANT: Greer, Catherine E.
; APPLICANT: Imprim, Chaka C.
; APPLICANT: Manos, M. Michele
; APPLICANT: Resnick, Robert M.
; TITLE OF INVENTION: Detection of Human Papillomavirus by the
; POLYMERASE CHAIN REACTION
; NUMBER OF SEQUENCES: 298
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/474,542A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petry, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 9234
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2974
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 135:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-474-542A-135

Query Match 40.0%; Score 4; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6 WGY 9
Db 12 WGY 15

RESULT 44
```

```
;
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; APPLICATION DATA:
; CURRENT APPLICATION NUMBER: US/08/457,648
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petry, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 9205
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2974
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 133:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-457-648-133
;
; Query Match 40.0%; Score 4; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 0;
; Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; Qy 5 WGWY 8
; Db 11 WGWY 14
;
; RESULT 46
; US-08-457-648-133/c
; Sequence 133, Application US/08457648
; Patent No. 5639871
; GENERAL INFORMATION:
; APPLICANT: Bauer, Heidi M.
; APPLICANT: Gravitt, Patti E.
; APPLICANT: Greer, Catherine E.
; APPLICANT: Imprim, Chaka C.
; APPLICANT: Manos, M. Michele
; APPLICANT: Resnick, Robert M.
; TITLE OF INVENTION: Detection of Human Papillomavirus by the
; POLYMERASE CHAIN REACTION
; NUMBER OF SEQUENCES: 298
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; APPLICATION DATA:
; CURRENT APPLICATION NUMBER: US/08/457,648
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petry, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 9205
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2974
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 133:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-457-648-133
;
; Query Match 40.0%; Score 4; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 0;
; Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; Qy 5 WGWY 8
; Db 11 WGWY 14
;
; RESULT 46
; US-08-457-648-133/c
; Sequence 133, Application US/08457648
; Patent No. 5639871
; GENERAL INFORMATION:
; APPLICANT: Bauer, Heidi M.
; APPLICANT: Gravitt, Patti E.
; APPLICANT: Greer, Catherine E.
; APPLICANT: Imprim, Chaka C.
; APPLICANT: Manos, M. Michele
; APPLICANT: Resnick, Robert M.
; TITLE OF INVENTION: Detection of Human Papillomavirus by the
; POLYMERASE CHAIN REACTION
; NUMBER OF SEQUENCES: 298
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; APPLICATION DATA:
; CURRENT APPLICATION NUMBER: US/08/457,648
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petry, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 9205
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2974
; TELEFAX: (510) 814-2977
```

```
;
; INFORMATION FOR SEQ ID NO: 133:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-457-648-133
;
; Query Match 40.0%; Score 4; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 0;
; Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; Qy 3 RCWW 6
; Db 14 RCWW 11
;
; RESULT 47
; US-08-457-648-135
; Sequence 135, Application US/08457648
; Patent No. 5639871
; GENERAL INFORMATION:
; APPLICANT: Bauer, Heidi M.
; APPLICANT: Gravitt, Patti E.
; APPLICANT: Greer, Catherine E.
; APPLICANT: Imprim, Chaka C.
; APPLICANT: Manos, M. Michele
; APPLICANT: Resnick, Robert M.
; TITLE OF INVENTION: Detection of Human Papillomavirus by the
; POLYMERASE CHAIN REACTION
; NUMBER OF SEQUENCES: 298
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; APPLICATION DATA:
; CURRENT APPLICATION NUMBER: US/08/457,648
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petry, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 9205
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2974
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 135:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-457-648-135
;
; Query Match 40.0%; Score 4; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 0;
; Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; Qy 6 WGY 9
; Db 12 WGY 15
;
; RESULT 48
; US-08-457-648-135
; Sequence 135, Application US/08457648
; Patent No. 5639871
; GENERAL INFORMATION:
; APPLICANT: Bauer, Heidi M.
; APPLICANT: Gravitt, Patti E.
; APPLICANT: Greer, Catherine E.
; APPLICANT: Imprim, Chaka C.
; APPLICANT: Manos, M. Michele
; APPLICANT: Resnick, Robert M.
; TITLE OF INVENTION: Detection of Human Papillomavirus by the
; POLYMERASE CHAIN REACTION
; NUMBER OF SEQUENCES: 298
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; APPLICATION DATA:
; CURRENT APPLICATION NUMBER: US/08/457,648
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petry, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 9205
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2974
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 135:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-457-648-135
;
; Query Match 40.0%; Score 4; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 0;
; Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; Qy 6 WGY 9
; Db 12 WGY 15
;
; RESULT 48
; US-08-457-648-135
; Sequence 135, Application US/08457648
; Patent No. 5639871
; GENERAL INFORMATION:
; APPLICANT: Bauer, Heidi M.
; APPLICANT: Gravitt, Patti E.
; APPLICANT: Greer, Catherine E.
; APPLICANT: Imprim, Chaka C.
; APPLICANT: Manos, M. Michele
; APPLICANT: Resnick, Robert M.
; TITLE OF INVENTION: Detection of Human Papillomavirus by the
; POLYMERASE CHAIN REACTION
; NUMBER OF SEQUENCES: 298
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; APPLICATION DATA:
; CURRENT APPLICATION NUMBER: US/08/457,648
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petry, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 9205
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2974
; TELEFAX: (510) 814-2977
```

RESULT 48
US-08-457-648-135/c
; Sequence 135, Application US/08457648
; Patent No. 5639871
; GENERAL INFORMATION:
; APPLICANT: Bauer, Heidi M.
; APPLICANT: Gravitt, Patti E.
; APPLICANT: Greer, Catherine E.
; APPLICANT: Imprim, Chaka C.
; APPLICANT: Manos, M. Michele
; APPLICANT: Resnick, Robert M.
; TITLE OF INVENTION: Detection of Human Papillomavirus by the
; TITLE OF INVENTION: Polymerase Chain Reaction
; NUMBER OF SEQUENCES: 298
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/457,648
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petty, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 9205
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2974
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 135:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-457-648-135
Query Match 40.0%; Score 4; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2 RRCW 5
Db 15 RRCW 12

RESULT 49
US-08-657-828A-3
; Sequence 3, Application US/08657828A
; Patent No. 5876711
; GENERAL INFORMATION:
; APPLICANT: Fattaey, Ali
; TITLE OF INVENTION: Methods and Compositions for Determining
; TITLE OF INVENTION: the Tumor Suppressor Status of Cells
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Onyx Pharmaceuticals, Inc.
; STREET: 3031 Research Drive
; CITY: Richmond
; STATE: CA
; COUNTRY: USA
; ZIP: 94806
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/657,828A
; FILING DATE: 31-MAY-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Glotta, Gregory
; REGISTRATION NUMBER: 32,028
; REFERENCE/DOCKET NUMBER: ONYX1021
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 510-262-8710
; TELEFAX: 510-758-3405
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/657,828A
FILING DATE: 31-MAY-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Glotta, Gregory
REGISTRATION NUMBER: 32,028
REFERENCE/DOCKET NUMBER: ONYX1021
TELECOMMUNICATION INFORMATION:
TELEPHONE: 510-262-8710
TELEFAX: 510-758-3405
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-657-828A-3
Query Match 40.0%; Score 4; DB 2; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 RRC 4
Db 1 RRC 4

RESULT 50
US-08-657-828A-3/c
; Sequence 3, Application US/08657828A
; Patent No. 5876711
; GENERAL INFORMATION:
; APPLICANT: Fattaey, Ali
; TITLE OF INVENTION: Methods and Compositions for Determining
; TITLE OF INVENTION: the Tumor Suppressor Status of Cells
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Onyx Pharmaceuticals, Inc.
; STREET: 3031 Research Drive
; CITY: Richmond
; STATE: CA
; COUNTRY: USA
; ZIP: 94806
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/657,828A
; FILING DATE: 31-MAY-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Glotta, Gregory
; REGISTRATION NUMBER: 32,028
; REFERENCE/DOCKET NUMBER: ONYX1021
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 510-262-8710
; TELEFAX: 510-758-3405
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA

;
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-657-828A-3

Query Match 40.0%; Score 4; DB 2; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRC 4
|||
Db 20 RRRC 17

RESULT 51

US-09-260-420-3

; Sequence 3, Application US/09260420

; Patent No. 6391630

; GENERAL INFORMATION:

; APPLICANT: Fattaey, Ali

; TITLE OF INVENTION: Methods and Compositions for Determining

; TITLE OF INVENTION: the Tumor Suppressor Status of Cells

; NUMBER OF SEQUENCES: 6

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Onyx Pharmaceuticals, Inc.

; STREET: 3031 Research Drive

; CITY: Richmond

; STATE: CA

; COUNTRY: USA

; ZIP: 94806

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/260,420

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/657,828

; FILING DATE: 31-MAY-1996

; ATTORNEY/AGENT INFORMATION:

; NAME: Giotta, Gregory

; REGISTRATION NUMBER: 32,028

; REFERENCE/DOCKET NUMBER: ONYX1021

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 510-262-8710

; TELEFAX: 510-758-3405

; INFORMATION FOR SEQ ID NO: 3:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: double

; TOPOLOGY: linear

; MOLECULE TYPE: cDNA

; HYPOTHETICAL: NO

; ANTI-SENSE: NO

US-09-260-420-3

Query Match

40.0%; Score 4; DB 3; Length 20;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRC 4

|||

Db 1 RRRC 4

RESULT 52

US-09-260-420-3/c

; Sequence 3, Application US/09260420

; Patent No. 6391630

; GENERAL INFORMATION:

;
; APPLICANT: Fattaey, Ali
; TITLE OF INVENTION: Methods and Compositions for Determining
; TITLE OF INVENTION: the Tumor Suppressor Status of Cells
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Onyx Pharmaceuticals, Inc.

; STREET: 3031 Research Drive

; CITY: Richmond

; STATE: CA

; COUNTRY: USA

; ZIP: 94806

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/260,420

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/657,828

; FILING DATE: 31-MAY-1996

; ATTORNEY/AGENT INFORMATION:

; NAME: Giotta, Gregory

; REGISTRATION NUMBER: 32,028

; REFERENCE/DOCKET NUMBER: ONYX1021

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 510-262-8710

; TELEFAX: 510-758-3405

; INFORMATION FOR SEQ ID NO: 3:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: double

; TOPOLOGY: linear

; MOLECULE TYPE: cDNA

; HYPOTHETICAL: NO

; ANTI-SENSE: NO

US-09-260-420-3

Query Match

40.0%; Score 4; DB 3; Length 20;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRC 4

|||

Db 20 RRRC 17

RESULT 53

US-07-959-119A-8

; Sequence 8, Application US/07959119A

; Patent No. 5487985

; GENERAL INFORMATION:

; APPLICANT: McClelland, Michael

; APPLICANT: Welsh, John T.

; APPLICANT: Sorge, Joseph A.

; TITLE OF INVENTION: Arbitrarily Primed Polymerase Chain

; TITLE OF INVENTION: Reaction Method For Fingerprinting Genomes

; NUMBER OF SEQUENCES: 16

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Pennie & Edmonds

; STREET: 2730 Sand Hill Road

; CITY: Menlo Park

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 94025

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/07/959,119A
;; FILING DATE: 09-OCT-1992
;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Halluin, Albert P.
;; REGISTRATION NUMBER: 25,227
;; REFERENCE/DOCKET NUMBER: 8142-021
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (415) 854-3660
;; TELEFAX: (415) 854-3694
;; TELEX: 66141PENNIE
;; INFORMATION FOR SEQ ID NO: 8:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 27 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (genomic)
US-07-959-119A-8

Query Match 40.0%; Score 4; DB 1; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRC 4
DB 15 RRC 18

RESULT 54
US-07-959-119A-8/c
;; Sequence 8, Application US/07959119A
;; Patent No. 5487985
;; GENERAL INFORMATION:
;; APPLICANT: McClelland, Michael
;; APPLICANT: Welsh, John T.
;; TITLE OF INVENTION: Arbitrarily Primed Polymerase Chain
;; TITLE OF INVENTION: Reaction Method For Fingerprinting Genomes
;; NUMBER OF SEQUENCES: 16
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Pennie & Edmonds
;; STREET: 2730 Sand Hill Road
;; CITY: Menlo Park
;; STATE: California
;; COUNTRY: U.S.A.
;; ZIP: 94025
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patent In Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/07/959,119A
;; FILING DATE: 09-OCT-1992
;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Halluin, Albert P.
;; REGISTRATION NUMBER: 25,227
;; REFERENCE/DOCKET NUMBER: 8142-021
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (415) 854-3660
;; TELEFAX: (415) 854-3694
;; TELEX: 66141PENNIE
;; INFORMATION FOR SEQ ID NO: 8:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 27 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (genomic)
US-07-959-119A-8

Query Match 40.0%; Score 4; DB 1; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 7 GYY 10
DB 18 GYY 15
RESULT 55
US-07-959-119A-9
;; Sequence 9, Application US/07959119A
;; Patent No. 5487985
;; GENERAL INFORMATION:
;; APPLICANT: McClelland, Michael
;; APPLICANT: Welsh, John T.
;; APPLICANT: Sorge, Joseph A.
;; TITLE OF INVENTION: Arbitrarily Primed Polymerase Chain
;; TITLE OF INVENTION: Reaction Method For Fingerprinting Genomes
;; NUMBER OF SEQUENCES: 16
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Pennie & Edmonds
;; STREET: 2730 Sand Hill Road
;; CITY: Menlo Park
;; STATE: California
;; COUNTRY: U.S.A.
;; ZIP: 94025
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patent In Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/07/959,119A
;; FILING DATE: 09-OCT-1992
;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Halluin, Albert P.
;; REGISTRATION NUMBER: 25,227
;; REFERENCE/DOCKET NUMBER: 8142-021
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (415) 854-3660
;; TELEFAX: (415) 854-3694
;; TELEX: 66141PENNIE
;; INFORMATION FOR SEQ ID NO: 9:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 27 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (genomic)
US-07-959-119A-9

Query Match 40.0%; Score 4; DB 1; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 RRC 4
DB 15 RRC 18

RESULT 56
US-07-959-119A-9/c
;; Sequence 9, Application US/07959119A
;; Patent No. 5487985
;; GENERAL INFORMATION:
;; APPLICANT: McClelland, Michael
;; APPLICANT: Welsh, John T.
;; APPLICANT: Sorge, Joseph A.
;; TITLE OF INVENTION: Arbitrarily Primed Polymerase Chain
;; TITLE OF INVENTION: Reaction Method For Fingerprinting Genomes
US-07-959-119A-9

NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 2730 Sand Hill Road
CITY: Menlo Park
STATE: California
COUNTRY: U.S.A.
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/959,119A
FILING DATE: 09-OCT-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Halluin, Albert P.
REGISTRATION NUMBER: 25,227
REFERENCE/DOCKET NUMBER: 8142-021
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 854-3660
TELEFAX: (415) 854-3694
TELEX: 66141PENNIE
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 27 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-07-959-119A-9

Query Match 40.0%; Score 4; DB 1; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GYYY 10
Db 18 GYYY 15

RESULT 57
US-08-471-994-7
Sequence 7, Application US/08471994
Patent No. 5861245
GENERAL INFORMATION:
APPLICANT: McClelland, Michael
APPLICANT: Welsh, John T.
TITLE OF INVENTION: ARBITRARILY PRIMED POLYMERASE CHAIN
TITLE OF INVENTION: REACTION METHOD FOR FINGERPRINTING GENOMES
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/471,994
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Halluin, Albert P.
REGISTRATION NUMBER: 25,227

REFERENCE/DOCKET NUMBER: 8142-103
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-854-3660
TELEFAX: 415-854-3694
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 27 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
US-08-471-994-7

Query Match 40.0%; Score 4; DB 2; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRC 4
Db 15 RRRC 18

RESULT 58
US-08-471-994-7/c
Sequence 7, Application US/08471994
Patent No. 5861245
GENERAL INFORMATION:
APPLICANT: McClelland, Michael
APPLICANT: Welsh, John T.
APPLICANT: Sorge, Joseph A.
TITLE OF INVENTION: ARBITRARILY PRIMED POLYMERASE CHAIN
TITLE OF INVENTION: REACTION METHOD FOR FINGERPRINTING GENOMES
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/471,994
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Halluin, Albert P.
REGISTRATION NUMBER: 25,227
REFERENCE/DOCKET NUMBER: 8142-103
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-854-3660
TELEFAX: 415-854-3694
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 27 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
US-08-471-994-7

Query Match 40.0%; Score 4; DB 2; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GYYY 10
Db 18 GYYY 15

Db 18 GYYY 15

RESULT 59
US-08-471-994-11
; Sequence 11, Application US/08471994
; Patent No. 5861245
; GENERAL INFORMATION:
; APPLICANT: McClelland, Michael
; APPLICANT: Welsh, John T.
; APPLICANT: Sorge, Joseph A.
; TITLE OF INVENTION: ARBITRARILY PRIMED POLYMERASE CHAIN
; TITLE OF INVENTION: REACTION METHOD FOR FINGERPRINTING GENOMES
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/471,994
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Halluin, Albert P.
; REGISTRATION NUMBER: 25,227
; REFERENCE/DOCKET NUMBER: 8142-103
; TELEPHONE: 415-854-3660
; TELEFAX: 415-854-3694
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
US-08-471-994-11

Query Match 40.0%; Score 4; DB 2; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRC 4
Db 15 RRRC 18

RESULT 60
US-08-471-994-11/c
; Sequence 11, Application US/08471994
; Patent No. 5861245
; GENERAL INFORMATION:
; APPLICANT: McClelland, Michael
; APPLICANT: Welsh, John T.
; APPLICANT: Sorge, Joseph A.
; TITLE OF INVENTION: ARBITRARILY PRIMED POLYMERASE CHAIN
; TITLE OF INVENTION: REACTION METHOD FOR FINGERPRINTING GENOMES
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: United States of America

ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/471,994
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Halluin, Albert P.
; REGISTRATION NUMBER: 25,227
; REFERENCE/DOCKET NUMBER: 8142-103
; TELEPHONE: 415-854-3660
; TELEFAX: 415-854-3694
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
US-08-471-994-11

Query Match 40.0%; Score 4; DB 2; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GYYY 10
Db 18 GYYY 15

RESULT 61
US-08-154-364-7
; Sequence 7, Application US/08154364
; Patent No. 6207810
; GENERAL INFORMATION:
; APPLICANT: McClelland, Michael
; APPLICANT: Welsh, John T.
; APPLICANT: Sorge, Joseph A.
; TITLE OF INVENTION: ARBITRARILY PRIMED
; TITLE OF INVENTION: POLYMERASE CHAIN
; TITLE OF INVENTION: REACTION METHOD FOR FINGER PRINTING
; TITLE OF INVENTION: GENOMES
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Limbach and Limbach
; STREET: 2001 Ferry Building
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0,
; SOFTWARE: Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/154,364
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Bortner, Scott R.
; REGISTRATION NUMBER: 34,298
; REFERENCE/DOCKET NUMBER: STRG-20142 USA
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-433-4150
; TELEFAX: 414-433-8716

INFORMATION FOR SEQ ID NO: 7;
SEQUENCE CHARACTERISTICS:
LENGTH: 27 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-154-364-7

Query Match 40.0%; Score 4; DB 3; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRC 4
Db 15 RRC 18

RESULT 62

US-08-154-364-7/c
Sequence 7, Application US/08154364
Patent No. 6207810

GENERAL INFORMATION:
APPLICANT: McClelland, Michael
APPLICANT: Welsh, John T.
APPLICANT: Sorge, Joseph A.
TITLE OF INVENTION: ARBITRARILY PRIMED
TITLE OF INVENTION: POLYMERASE CHAIN
TITLE OF INVENTION: REACTION METHOD FOR FINGER PRINTING
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Limbach and Limbach
STREET: 2001 Ferry Building
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94111

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
SOFTWARE: Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/154,364
FILING DATE:

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Bortner, Scott R.
REGISTRATION NUMBER: 34,298
REFERENCE/DOCKET NUMBER: STRG-20142 USA
TELEPHONE: 415-433-4150
TELEFAX: 414-433-8716
INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:
LENGTH: 27 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-154-364-7

Query Match 40.0%; Score 4; DB 3; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GYY 10

Db 18 GYY 15

RESULT 63

US-08-397-335-8
Sequence 8, Application US/08397335
Patent No. 6696277

GENERAL INFORMATION:
APPLICANT: McClelland, Michael
APPLICANT: Welsh, John T.
APPLICANT: Sorge, Joseph A.
TITLE OF INVENTION: Arbitrarily Primed Polymerase Chain
TITLE OF INVENTION: Reaction Method for Fingerprinting Genomes
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 2730 Sand Hill Road
CITY: Menlo Park
STATE: California
COUNTRY: U.S.A.
ZIP: 94025

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/397,335
FILING DATE: Concurrently herewith.
PRIOR APPLICATION DATA: US 07/959,119
APPLICATION NUMBER: 09-DEC-1992
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: Halluin, Albert P.
REGISTRATION NUMBER: 25,227
REFERENCE/DOCKET NUMBER: 8142-092
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 854-3660
TELEFAX: (415) 854-3694
TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 27 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-397-335-8

Query Match 40.0%; Score 4; DB 4; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRC 4
Db 15 RRC 18

RESULT 64

US-08-397-335-8/c
Sequence 8, Application US/08397335
Patent No. 6696277

GENERAL INFORMATION:
APPLICANT: McClelland, Michael
APPLICANT: Welsh, John T.
APPLICANT: Sorge, Joseph A.
TITLE OF INVENTION: Arbitrarily Primed Polymerase Chain
TITLE OF INVENTION: Reaction Method for Fingerprinting Genomes
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds

```

; STREET: 2730 Sand Hill Road
; CITY: Menlo Park
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 94025
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/397,335
; FILING DATE: Concurrently herewith.
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/959,119
; FILING DATE: 09-DEC-1992
; CLASSIFICATION: 435
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Halluin, Albert P.
; REGISTRATION NUMBER: 25,227
; REFERENCE/DOCKET NUMBER: 8142-092
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 854-3660
; TELEFAX: (415) 854-3694
; TELEX: 66141 PENNIE
;
; INFORMATION FOR SEQ ID NO: 8:
; LENGTH: 27 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
;
; US-08-397-335-8
;
; Query Match 40.0%; Score 4; DB 4; Length 27;
; Best Local Similarity 100.0%; Pred. No. 0;
; Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 7 GYYY 10
; DB 18 GYYY 15
;
; RESULT 65
; US-08-397-335-9
; Sequence 9, Application US/08397335
; Patent No. 6696277
; GENERAL INFORMATION:
; APPLICANT: McClelland, Michael
; APPLICANT: Welsh, John T.
; TITLE OF INVENTION: Arbitrarily Primed Polymerase Chain
; TITLE OF INVENTION: Reaction Method For Fingerprinting Genomes
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 2730 Sand Hill Road
; CITY: Menlo Park
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 94025
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/397,335
; FILING DATE: Concurrently herewith.
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/959,119
; FILING DATE: 09-DEC-1992
; CLASSIFICATION: 435
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Halluin, Albert P.
; REGISTRATION NUMBER: 25,227
; REFERENCE/DOCKET NUMBER: 8142-092
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 854-3660
; TELEFAX: (415) 854-3694
; TELEX: 66141 PENNIE
;
; INFORMATION FOR SEQ ID NO: 9:
; LENGTH: 27 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
;
; US-08-397-335-9

```

```

;
; ATTORNEY/AGENT INFORMATION:
; NAME: Halluin, Albert P.
; REGISTRATION NUMBER: 25,227
; REFERENCE/DOCKET NUMBER: 8142-092
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 854-3660
; TELEFAX: (415) 854-3694
; TELEX: 66141 PENNIE
;
; INFORMATION FOR SEQ ID NO: 9:
; LENGTH: 27 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
;
; US-08-397-335-9
;
; Query Match 40.0%; Score 4; DB 4; Length 27;
; Best Local Similarity 100.0%; Pred. No. 0;
; Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 1 RRRC 4
; DB 15 RRRC 18
;
; RESULT 66
; US-08-397-335-9/c
; Sequence 9, Application US/08397335
; Patent No. 6696277
; GENERAL INFORMATION:
; APPLICANT: McClelland, Michael
; APPLICANT: Welsh, John T.
; TITLE OF INVENTION: Arbitrarily Primed Polymerase Chain
; TITLE OF INVENTION: Reaction Method For Fingerprinting Genomes
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 2730 Sand Hill Road
; CITY: Menlo Park
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 94025
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/397,335
; FILING DATE: Concurrently herewith.
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/959,119
; FILING DATE: 09-DEC-1992
; CLASSIFICATION: 435
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Halluin, Albert P.
; REGISTRATION NUMBER: 25,227
; REFERENCE/DOCKET NUMBER: 8142-092
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 854-3660
; TELEFAX: (415) 854-3694
; TELEX: 66141 PENNIE
;
; INFORMATION FOR SEQ ID NO: 9:
; LENGTH: 27 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
;
; US-08-397-335-9

```

```
Query Match      40.0%; Score 4; DB 4; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      7 GYY 10
Db      ||||
      18 GYY 15

RESULT 67
US-09-347-343-1
; Sequence 1, Application US/09347343A
; Patent No. 6514948
; GENERAL INFORMATION:
; APPLICANT: RAZ, Eyal R.
; APPLICANT: KOBAYASHI, Hiroko
; TITLE OF INVENTION: METHOD FOR ENHANCING AN IMMUNE RESPONSE
; FILE REFERENCE: 30448.64US01
; CURRENT APPLICATION NUMBER: US/09/347,343A
; CURRENT FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 6
; TYPE: DNA
; ORGANISM: synthetic oligonucleotide
US-09-347-343-1

Query Match      30.0%; Score 3; DB 4; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2 RRC 4
Db      ||||
      1 RRC 3

RESULT 68
US-09-347-343-1/c
; Sequence 1, Application US/09347343A
; Patent No. 6514948
; GENERAL INFORMATION:
; APPLICANT: RAZ, Eyal R.
; APPLICANT: KOBAYASHI, Hiroko
; TITLE OF INVENTION: METHOD FOR ENHANCING AN IMMUNE RESPONSE
; FILE REFERENCE: 30448.64US01
; CURRENT APPLICATION NUMBER: US/09/347,343A
; CURRENT FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 6
; TYPE: DNA
; ORGANISM: synthetic oligonucleotide
US-09-347-343-1

Query Match      30.0%; Score 3; DB 4; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2 RRC 4
Db      ||||
      6 RRC 4

RESULT 69
US-09-347-343-2
; Sequence 2, Application US/09347343A
; Patent No. 6514948
; GENERAL INFORMATION:
; APPLICANT: RAZ, Eyal R.
; APPLICANT: KOBAYASHI, Hiroko
; TITLE OF INVENTION: METHOD FOR ENHANCING AN IMMUNE RESPONSE
```

```
; FILE REFERENCE: 30448.64US01
; CURRENT APPLICATION NUMBER: US/09/347,343A
; CURRENT FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 6
; TYPE: DNA
; ORGANISM: synthetic oligonucleotide
US-09-347-343-2

Query Match      30.0%; Score 3; DB 4; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      7 GYY 9
Db      ||||
      4 GYY 6

RESULT 70
US-09-347-343-2/c
; Sequence 2, Application US/09347343A
; Patent No. 6514948
; GENERAL INFORMATION:
; APPLICANT: RAZ, Eyal R.
; APPLICANT: KOBAYASHI, Hiroko
; TITLE OF INVENTION: METHOD FOR ENHANCING AN IMMUNE RESPONSE
; FILE REFERENCE: 30448.64US01
; CURRENT APPLICATION NUMBER: US/09/347,343A
; CURRENT FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 6
; TYPE: DNA
; ORGANISM: synthetic oligonucleotide
US-09-347-343-2

Query Match      30.0%; Score 3; DB 4; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2 RRC 4
Db      ||||
      6 RRC 4

RESULT 71
US-09-936-552A-4
; Sequence 4, Application US/09936552A
; Patent No. 6610907
; GENERAL INFORMATION:
; APPLICANT: INSTITUTE OF GENETICS, CHINESE ACADEMY OF SCIENCES
; APPLICANT: Zhu, Zhen
; APPLICANT: Xie, Yingqiu
; APPLICANT: Liu, Yule
; TITLE OF INVENTION: COTTON LEAF CURL VIRUS (CLCV) PROMOTER AND ITS USE
; FILE REFERENCE: 2896-4001
; CURRENT APPLICATION NUMBER: US/09/936,552A
; CURRENT FILING DATE: 2001-09-14
; PRIOR APPLICATION NUMBER: CN 99103044.3
; PRIOR FILING DATE: 1999-03-22
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Cotton leaf curl virus
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)-(3)
; OTHER INFORMATION: y=pyrimidine
```


; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (5)..(5)
; OTHER INFORMATION: y=pyrimadine
US-09-936-552A-4

Query Match 30.0%; Score 3; DB 4; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 YYY 10
|||
Db 1 YYY 3

RESULT 72
US-09-936-552A-4/c
; Sequence 4, Application US/09936552A
; Patent No. 6610907
; GENERAL INFORMATION:
; APPLICANT: INSTITUTE OF GENETICS, CHINESE ACADEMY OF SCIENCES
; APPLICANT: Zhu, Zhen
; APPLICANT: Xie, Yingqiu
; APPLICANT: Liu, Yule
; TITLE OF INVENTION: COTTON LEAF CURL VIRUS (CLCV) PROMOTER AND ITS USE
; FILE REFERENCE: 2896-4001
; CURRENT APPLICATION NUMBER: US/09/936,552A
; PRIOR FILING DATE: 2001-09-14
; PRIOR APPLICATION NUMBER: CN 99103044.3
; PRIOR FILING DATE: 1999-03-22
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Cotton leaf curl virus
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(3)
; OTHER INFORMATION: y=pyrimadine
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (5)..(5)
; OTHER INFORMATION: y=pyrimadine
US-09-936-552A-4

Query Match 30.0%; Score 3; DB 4; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
|||
Db 3 RRR 1

RESULT 73
US-09-263-692A-8
; Sequence 8, Application US/09263692A
; Patent No. 6639065
; GENERAL INFORMATION:
; APPLICANT: Council of Scientific and Industrial Research
; TITLE OF INVENTION: A chemically synthesized artificial promoter for high level expression
; FILE REFERENCE: Q52511
; CURRENT APPLICATION NUMBER: US/09/263,692A
; PRIOR FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: 3322/Del/98
; PRIOR FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; LENGTH: 6
; TYPE: DNA

; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: domain II(b)
US-09-263-692A-8

Query Match 30.0%; Score 3; DB 4; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CWW 6
|||
Db 1 CWW 3

RESULT 74
US-09-263-692A-8/c
; Sequence 8, Application US/09263692A
; Patent No. 6639065
; GENERAL INFORMATION:
; APPLICANT: Council of Scientific and Industrial Research
; TITLE OF INVENTION: A chemically synthesized artificial promoter for high level expression
; FILE REFERENCE: Q52511
; CURRENT APPLICATION NUMBER: US/09/263,692A
; PRIOR FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: 3322/Del/98
; PRIOR FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: domain II(b)
US-09-263-692A-8

Query Match 30.0%; Score 3; DB 4; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5 WNG 7
|||
Db 6 WNG 4

RESULT 75
US-08-646-301A-9
; Sequence 9, Application US/08646301A
; Patent No. 6194211
; GENERAL INFORMATION:
; APPLICANT: Richards, Cynthia Ann
; APPLICANT: Huber, Brian E.
; TITLE OF INVENTION: Transcriptional Regulatory Sequence of Carcinoembryonic
; Patent No. 6194211
; TITLE OF INVENTION: Antigen for Expression Targeting
; FILE REFERENCE: PB1508USW
; CURRENT APPLICATION NUMBER: US/08/646,301A
; CURRENT FILING DATE: 1996-05-16
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: consensus
; Patent No. 6194211
US-08-646-301A-9

Query Match 30.0%; Score 3; DB 3; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;

Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5 WNG 7
Db 6 WNG 8

RESULT 76
US-08-646-301A-9/c
; Sequence 9, Application US/08646301A
; Patent No. 6194211
; GENERAL INFORMATION:
; APPLICANT: Richards, Cynthia Ann
; APPLICANT: Huber, Brian E.
; TITLE OF INVENTION: Transcriptional Regulatory Sequence of Carcinoembryonic
; Patent No. 6194211
; TITLE OF INVENTION: Antigen for Expression Targeting
; FILE REFERENCE: PB1508USW
; CURRENT APPLICATION NUMBER: US/08/646,301A
; CURRENT FILING DATE: 1996-05-16
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: consensus
; OTHER INFORMATION: sequence B2 from DNA Sequence 1.3-11 (1990).
; Patent No. 6194211
US-08-646-301A-9

Query Match 30.0%; Score 3; DB 3; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CWV 6
Db 8 CWV 6

RESULT 77
US-09-305-839-41
; Sequence 41, Application US/09305839
; Patent No. 6514935
; GENERAL INFORMATION:
; APPLICANT: Lee, Mu-En
; APPLICANT: Yet, Shaw-Fang
; TITLE OF INVENTION: Methods of Treating Hypertension
; FILE REFERENCE: 21508-064
; CURRENT APPLICATION NUMBER: US/09/305,839
; CURRENT FILING DATE: 1999-05-05
; PRIOR APPLICATION NUMBER: 08/818,655
; PRIOR FILING DATE: 1997-03-14
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 41
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus
; OTHER INFORMATION: Description of Artificial Sequence: consensus
US-09-305-839-41

Query Match 30.0%; Score 3; DB 4; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 YYY 10
Db 6 YYY 8

RESULT 78
US-09-305-839-41/c
; Sequence 41, Application US/09305839
; Patent No. 6514935
; GENERAL INFORMATION:
; APPLICANT: Lee, Mu-En
; APPLICANT: Yet, Shaw-Fang
; TITLE OF INVENTION: Methods of Treating Hypertension
; FILE REFERENCE: 21508-064
; CURRENT APPLICATION NUMBER: US/09/305,839
; CURRENT FILING DATE: 1999-05-05
; PRIOR APPLICATION NUMBER: 08/818,655
; PRIOR FILING DATE: 1997-03-14
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 41
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus
; OTHER INFORMATION: Description of Artificial Sequence: consensus
US-09-305-839-41

Query Match 30.0%; Score 3; DB 4; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
Db 8 RRR 6

RESULT 79
US-09-347-343-3
; Sequence 3, Application US/09347343A
; Patent No. 6514948
; GENERAL INFORMATION:
; APPLICANT: RAZ, Eyal R.
; APPLICANT: KOBAYASHI, Hiroko
; TITLE OF INVENTION: METHOD FOR ENHANCING AN IMMUNE RESPONSE
; FILE REFERENCE: 30448.64US01
; CURRENT APPLICATION NUMBER: US/09/347,343A
; CURRENT FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 8
; TYPE: DNA
; ORGANISM: synthetic oligonucleotide
US-09-347-343-3

Query Match 30.0%; Score 3; DB 4; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 RRC 4
Db 1 RRC 3

RESULT 80
US-09-347-343-3/c
; Sequence 3, Application US/09347343A
; Patent No. 6514948
; GENERAL INFORMATION:
; APPLICANT: RAZ, Eyal R.
; APPLICANT: KOBAYASHI, Hiroko
; TITLE OF INVENTION: METHOD FOR ENHANCING AN IMMUNE RESPONSE
; FILE REFERENCE: 30448.64US01

; CURRENT APPLICATION NUMBER: US/09/347,343A
; CURRENT FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 8
; TYPE: DNA
; ORGANISM: synthetic oligonucleotide
US-09-347-343-3

Query Match 30.0%; Score 3; DB 4; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 RRC 4
|||
Db 6 RRC 4

RESULT 81

US-09-347-343-4
; Sequence 4, Application US/09347343A
; Patent No. 6514948
; GENERAL INFORMATION:
; APPLICANT: RAZ, Eyal R.
; APPLICANT: KOBAYASHI, Hiroko
; TITLE OF INVENTION: METHOD FOR ENHANCING AN IMMUNE RESPONSE
; FILE REFERENCE: 30448.64US01
; CURRENT APPLICATION NUMBER: US/09/347,343A
; CURRENT FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 8
; TYPE: DNA
; ORGANISM: synthetic oligonucleotide
US-09-347-343-4

Query Match 30.0%; Score 3; DB 4; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GYY 9
|||
Db 4 GYY 6

RESULT 82

US-09-347-343-4/c
; Sequence 4, Application US/09347343A
; Patent No. 6514948
; GENERAL INFORMATION:
; APPLICANT: RAZ, Eyal R.
; APPLICANT: KOBAYASHI, Hiroko
; TITLE OF INVENTION: METHOD FOR ENHANCING AN IMMUNE RESPONSE
; FILE REFERENCE: 30448.64US01
; CURRENT APPLICATION NUMBER: US/09/347,343A
; CURRENT FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 8
; TYPE: DNA
; ORGANISM: synthetic oligonucleotide
US-09-347-343-4

Query Match 30.0%; Score 3; DB 4; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 RRC 4
|||
Db 6 RRC 4

RESULT 83

US-09-263-692A-7
; Sequence 7, Application US/09263692A
; Patent No. 6639065
; GENERAL INFORMATION:
; APPLICANT: Council of Scientific and Industrial Research
; TITLE OF INVENTION: A chemically synthesized artificial promoter for high level expre
; FILE REFERENCE: Q52511
; CURRENT APPLICATION NUMBER: US/09/263,692A
; CURRENT FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: 3322/Del/98
; PRIOR FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: domain II(a)
US-09-263-692A-7

Query Match 30.0%; Score 3; DB 4; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
|||
Db 1 RRR 3

RESULT 84

US-09-263-692A-7/c
; Sequence 7, Application US/09263692A
; Patent No. 6639065
; GENERAL INFORMATION:
; APPLICANT: Council of Scientific and Industrial Research
; TITLE OF INVENTION: A chemically synthesized artificial promoter for high level expre
; FILE REFERENCE: Q52511
; CURRENT APPLICATION NUMBER: US/09/263,692A
; CURRENT FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: 3322/Del/98
; PRIOR FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: domain II(a)
US-09-263-692A-7

Query Match 30.0%; Score 3; DB 4; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 YYY 10
|||
Db 8 YYY 6

RESULT 85

US-07-882-838E-1
; Sequence 1, Application US/07882838E
; Patent No. 5616461
; GENERAL INFORMATION:
; APPLICANT: Priscilla A. Schaffer
; APPLICANT: Christine E. Dabrowski Amara

;; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
;; TREATMENT OF VIRUS INFECTIONS
;; NUMBER OF SEQUENCES: 49
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Woodcock Washburn
;; STREET: One Liberty Place
;; CITY: Philadelphia
;; STATE: Pennsylvania
;; COUNTRY: U.S.A.
;; ZIP: 19103
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; COMPUTER: IBM PS/2 Model 502 or 55SX
;; OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
;; SOFTWARE: WordPerfect (Version 5.1)
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/07/882,838E
;; FILING DATE: May 14, 1992
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER:
;; FILING DATE:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Kathryn Leary
;; REGISTRATION NUMBER: 36,317
;; REFERENCE/DOCKET NUMBER: DFCI-0001
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (215) 568-3100
;; TELEFAX: (215) 568-3439
;; TELEX:
;; INFORMATION FOR SEQ ID NO: 1:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 9
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-07-882-838E-1
;;
;; Query Match 30.0%; Score 3; DB 1; Length 9;
;; Best Local Similarity 100.0%; Pred. No. 0;
;; Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 8 YYY 10
Db 4 YYY 6
;;
;; RESULT 86
;; US-07-882-838E-1/c
;; Sequence 1, Application US/07/882838E
;; Patent No. 5616461
;; GENERAL INFORMATION:
;; APPLICANT: Priscilla A. Schaffer
;; APPLICANT: Christine E. Dabrowski Amaral
;; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
;; TREATMENT OF VIRUS INFECTIONS
;; NUMBER OF SEQUENCES: 49
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Woodcock Washburn
;; STREET: One Liberty Place
;; CITY: Philadelphia
;; STATE: Pennsylvania
;; COUNTRY: U.S.A.
;; ZIP: 19103
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; COMPUTER: IBM PS/2 Model 502 or 55SX
;; OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
;; SOFTWARE: WordPerfect (Version 5.1)
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/07/882,838E
;; FILING DATE: May 14, 1992
;; CLASSIFICATION: 435

;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER:
;; FILING DATE:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Kathryn Leary
;; REGISTRATION NUMBER: 36,317
;; REFERENCE/DOCKET NUMBER: DFCI-0001
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (215) 568-3100
;; TELEFAX: (215) 568-3439
;; TELEX:
;; INFORMATION FOR SEQ ID NO: 1:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 9
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-07-882-838E-1
;;
;; Query Match 30.0%; Score 3; DB 1; Length 9;
;; Best Local Similarity 100.0%; Pred. No. 0;
;; Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 RRR 3
Db 6 RRR 4
;;
;; RESULT 87
;; US-08-643-886-11
;; Sequence 11, Application US/08643886
;; Patent No. 5695977
;; GENERAL INFORMATION:
;; APPLICANT: JURKA, Jerzy W.
;; TITLE OF INVENTION: Site Directed Recombination
;; NUMBER OF SEQUENCES: 22
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
;; STREET: Four Embarcadero Center, Suite 3400
;; CITY: San Francisco
;; STATE: CA
;; COUNTRY: US
;; ZIP: 94111
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/643,886
;; FILING DATE:
;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Rowland, Bertram I
;; REGISTRATION NUMBER: 20015
;; REFERENCE/DOCKET NUMBER: A-63252/BIR
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 415-781-1989
;; TELEFAX: 415-398-3249
;; INFORMATION FOR SEQ ID NO: 11:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 9 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: other nucleic acid
;; DESCRIPTION: /desc = "sequence"
;; US-08-643-886-11
;;
;; Query Match 30.0%; Score 3; DB 1; Length 9;
;; Best Local Similarity 100.0%; Pred. No. 0;
;; Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
DB 6 RRR 8

RESULT 88
US-08-643-886-11/c
; Sequence 11, Application US/08643886
; Patent No. 5695977
; GENERAL INFORMATION:
; APPLICANT: JURKA, Jerzy W.
; TITLE OF INVENTION: Site Directed Recombination
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: CA
; COUNTRY: US
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/643.886
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I
; REGISTRATION NUMBER: 20015
; REFERENCE/DOCKET NUMBER: A-63252/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "sequence"

US-08-643-886-11

Query Match 30.0%; Score 3; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
DB 8 YYY 6

RESULT 89
US-08-122-433-34
; Sequence 34, Application US/08122433
; Patent No. 5683985
; GENERAL INFORMATION:
; APPLICANT: Chu, Barbara C.F.
; TITLE OF INVENTION: OLIGODEOXYNUCLEOTIDES AND
; TITLE OF INVENTION: OLIGONUCLEOTIDES USEFUL AS DECOYS FOR PROTEINS WHICH
; TITLE OF INVENTION: SELECTIVELY BIND TO DEFINED DNA SEQUENCES
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PRETTY, SCHROEDER, BRUEGGEMANN & CLARK
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90071

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/122.433
; FILING DATE: 22-SEP-1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/687,337
; FILING DATE: 18-APR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Reiter, Stephen E.
; REGISTRATION NUMBER: 31,192
; REFERENCE/DOCKET NUMBER: P31 9308
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-546-1995
; TELEFAX: 619-546-9392
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; US-08-122-433-34

Query Match 30.0%; Score 3; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CWW 6
DB 2 CWW 4

RESULT 90
US-08-122-433-34/c
; Sequence 34, Application US/08122433
; Patent No. 5683985
; GENERAL INFORMATION:
; APPLICANT: Chu, Barbara C.F.
; TITLE OF INVENTION: OLIGODEOXYNUCLEOTIDES AND
; TITLE OF INVENTION: OLIGONUCLEOTIDES USEFUL AS DECOYS FOR PROTEINS WHICH
; TITLE OF INVENTION: SELECTIVELY BIND TO DEFINED DNA SEQUENCES
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PRETTY, SCHROEDER, BRUEGGEMANN & CLARK
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/122.433
; FILING DATE: 22-SEP-1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/687,337
; FILING DATE: 18-APR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Reiter, Stephen E.
; REGISTRATION NUMBER: 31,192
; REFERENCE/DOCKET NUMBER: P31 9308
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-546-1995

TELEFAX: 619-546-9392
 INFORMATION FOR SEQ ID NO: 34:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 10 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: other nucleic acid
 US-08-122-433-34

Query Match 30.0%; Score 3; DB 1; Length 10;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CWW 6
 Db 9 CWW 7

RESULT 91

US-08-643-886-1
 Sequence 1, Application US/08643886
 Patent No. 5695977
 GENERAL INFORMATION:
 APPLICANT: JURKA, Jerzy W.
 TITLE OF INVENTION: Site Directed Recombination
 NUMBER OF SEQUENCES: 22
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Flehr, Hohbach, Test, Albritton & Herbert
 STREET: Four Embarcadero Center, Suite 3400
 CITY: San Francisco
 STATE: CA
 COUNTRY: US
 ZIP: 94111
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/643,886
 FILING DATE:
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Rowland, Bertram I
 REGISTRATION NUMBER: 20015
 REFERENCE/DOCKET NUMBER: A-63252/BIR
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415-781-1989
 TELEFAX: 415-398-3249
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 10 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: other nucleic acid
 DESCRIPTION: /desc = "ssequence"
 US-08-643-886-1

Query Match 30.0%; Score 3; DB 1; Length 10;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 YYY 10
 Db 7 YYY 9

RESULT 92

US-08-643-886-1/c
 Sequence 1, Application US/08643886
 Patent No. 5695977

GENERAL INFORMATION:
 APPLICANT: JURKA, Jerzy W.
 TITLE OF INVENTION: Site Directed Recombination
 NUMBER OF SEQUENCES: 22
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Flehr, Hohbach, Test, Albritton & Herbert
 STREET: Four Embarcadero Center, Suite 3400
 CITY: San Francisco
 STATE: CA
 COUNTRY: US
 ZIP: 94111
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/643,886
 FILING DATE:
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Rowland, Bertram I
 REGISTRATION NUMBER: 20015
 REFERENCE/DOCKET NUMBER: A-63252/BIR
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415-781-1989
 TELEFAX: 415-398-3249
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 10 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: other nucleic acid
 DESCRIPTION: /desc = "sequence"
 US-08-643-886-1

Query Match 30.0%; Score 3; DB 1; Length 10;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
 Db 9 RRR 7

RESULT 93

US-08-643-886-12
 Sequence 12, Application US/08643886
 Patent No. 5695977
 GENERAL INFORMATION:
 APPLICANT: JURKA, Jerzy W.
 TITLE OF INVENTION: Site Directed Recombination
 NUMBER OF SEQUENCES: 22
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Flehr, Hohbach, Test, Albritton & Herbert
 STREET: Four Embarcadero Center, Suite 3400
 CITY: San Francisco
 STATE: CA
 COUNTRY: US
 ZIP: 94111
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/643,886
 FILING DATE:
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Rowland, Bertram I
 REGISTRATION NUMBER: 20015

REFERENCE/DOCKET NUMBER: A-63252/BIR
TELEPHONE: 415-781-1989
TELEFAX: 415-398-3249

INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "sequence"
US-08-643-886-12

Query Match 30.0%; Score 3; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3

DB 7 RRR 9

RESULT 94

US-08-643-886-12/c
Sequence 12, Application US/08643886

Patent No. 5695977

GENERAL INFORMATION:

APPLICANT: JURKA, Jerzy W.

TITLE OF INVENTION: Site Directed Recombination

NUMBER OF SEQUENCES: 22

CORRESPONDENCE ADDRESS:

ADDRESSEE: Flehr, Hohbach, Test, Albritton & Herbert

STREET: Four Embarcadero Center, Suite 3400

CITY: San Francisco

STATE: CA

COUNTRY: US

ZIP: 94111

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/643,886

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Rowland, Bertram I

REGISTRATION NUMBER: 20015

REFERENCE/DOCKET NUMBER: A-63252/BIR

TELEPHONE: 415-781-1989

TELEFAX: 415-398-3249

INFORMATION FOR SEQ ID NO: 12:

SEQUENCE CHARACTERISTICS:

LENGTH: 10 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "sequence"

US-08-643-886-12

Query Match 30.0%; Score 3; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10

DB 9 YYY 7

RESULT 95

US-08-472-809B-5

Sequence 5, Application US/08472809B

Patent No. 5925564

GENERAL INFORMATION:

APPLICANT: Schwartz, Robert J.

APPLICANT: DeMayo, Franco J.

APPLICANT: O'Malley, Bert W.

TITLE OF INVENTION: Expression Vector Systems and

TITLE OF INVENTION: Method of Use

NUMBER OF SEQUENCES: 8

CORRESPONDENCE ADDRESS:

ADDRESSER: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/472,809B

FILING DATE: June 7, 1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/209,846

FILING DATE: March 9, 1994

APPLICATION NUMBER: 07/789,919

FILING DATE: No. 5925564ember 6, 1991

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 214/212

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 10 bases

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

FEATURE:

OTHER INFORMATION: /note= W = A or T

US-08-472-809B-5

Query Match 30.0%; Score 3; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CWW 6

DB 2 CWW 4

RESULT 96

US-08-472-809B-5/c

Sequence 5, Application US/08472809B

Patent No. 5925564

GENERAL INFORMATION:

APPLICANT: Schwartz, Robert J.

APPLICANT: DeMayo, Franco J.

APPLICANT: O'Malley, Bert W.

TITLE OF INVENTION: Expression Vector Systems and

TITLE OF INVENTION: Method of Use

NUMBER OF SEQUENCES: 8

;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Lyon & Lyon
;; STREET: 633 West Fifth Street
;; CITY: Los Angeles
;; STATE: California
;; COUNTRY: U.S.A.
;; ZIP: 90071-2066
;;
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: Word Perfect 5.1
;;
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/472,809B
;; FILING DATE: June 7, 1995
;; CLASSIFICATION: 435
;;
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/209,846
;; FILING DATE: March 9, 1994
;; APPLICATION NUMBER: 07/789,919
;; FILING DATE: No. 5925564ember 6, 1991
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 214/212
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;;
;; INFORMATION FOR SEQ ID NO: 5:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 10 bases
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
;; FEATURE:
;; OTHER INFORMATION: /note= W = A or T
US-08-472-809B-5

Query Match 30.0%; Score 3; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CW 6
|||
Db 9 CW 7

RESULT 97
US-08-481-658B-23
; Sequence 23, Application US/08481658B
; Patent No. 5955075
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Leona L. Lauder
; STREET: 6 Mariposa Court
; CITY: Tiburon
; STATE: California
; COUNTRY: USA
; ZIP: 94920
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)

;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/481,658B
;; FILING DATE: 07-JUN-1995
;; CLASSIFICATION: 424
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/260,190
;; FILING DATE: 15-JUN-1994
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Lauder, Leona L.
;; REGISTRATION NUMBER: 30,863
;; REFERENCE/DOCKET NUMBER: D-0021.3E
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 415-435-2034
;; TELEFAX: 415-435-0727
;; INFORMATION FOR SEQ ID NO: 23:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 10 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (genomic)
;; DESCRIPTION: Initiator consensus sequence
US-08-481-658B-23

Query Match 30.0%; Score 3; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 YY 10
|||
Db 1 YY 3

RESULT 98
US-08-481-658B-23/c
; Sequence 23, Application US/08481658B
; Patent No. 5955075
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Leona L. Lauder
; STREET: 6 Mariposa Court
; CITY: Tiburon
; STATE: California
; COUNTRY: USA
; ZIP: 94920
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)

;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/481,658B
;; FILING DATE: 07-JUN-1995
;; CLASSIFICATION: 424
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/260,190
;; FILING DATE: 15-JUN-1994
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Lauder, Leona L.
;; REGISTRATION NUMBER: 30,863
;; REFERENCE/DOCKET NUMBER: D-0021.3E
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 415-435-2034
;; TELEFAX: 415-435-0727
;; INFORMATION FOR SEQ ID NO: 23:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 10 base pairs
;; TYPE: nucleic acid


```
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; DESCRIPTION: Initiator consensus sequence
US-08-481-658B-23
Query Match 30.0%; Score 3; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
Db 10 RRR 8

RESULT 99
US-08-477-504A-23
; Sequence 23, Application US/08477504A
; Patent No. 5972353
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Leona L. Lauder
; STREET: 6 Mariposa Court
; CITY: Tiburon
; STATE: California
; COUNTRY: USA
; ZIP: 94920
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,504A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/260,190
; FILING DATE: 15-JUN-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Lauder, Leona L.
; REGISTRATION NUMBER: 30,863
; REFERENCE/DOCKET NUMBER: D-0021.3D
; TELEPHONE: 415-435-2034
; TELEFAX: 415-435-0727
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; DESCRIPTION: Initiator consensus sequence
US-08-477-504A-23
Query Match 30.0%; Score 3; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
Db 10 RRR 8

RESULT 101
US-08-486-756A-23
; Sequence 23, Application US/08486756A
; Patent No. 5981711
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Leona L. Lauder
; STREET: 6 Mariposa Court
; CITY: Tiburon
; STATE: California
; COUNTRY: USA
; ZIP: 94920
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
```

SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/486,756A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/260,190
FILING DATE: 15-JUN-1994
ATTORNEY/AGENT INFORMATION:
NAME: Lauder, Leona L.
REGISTRATION NUMBER: 30,863
REFERENCE/DOCKET NUMBER: D-0021.3C
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-435-2034
TELEFAX: 415-435-0727
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
DESCRIPTION: Initiator consensus sequence
US-08-486-756A-23

Query Match 30.0%; Score 3; DB 2; Length 10;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
DB 1 YYY 3

RESULT 102
US-08-486-756A-23/C
Sequence 23, Application US/08486756A
Patent No. 5981711
GENERAL INFORMATION:
APPLICANT: Zavada, Jan
APPLICANT: Pastorekova, Silvia
APPLICANT: Pastorek, Jaromir
TITLE OF INVENTION: MN Gene and Protein
NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
ADDRESSEE: Leona L. Lauder
STREET: 6 Mariposa Court
CITY: Tiburon
STATE: California
COUNTRY: USA
ZIP: 94920
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/486,756A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/260,190
FILING DATE: 15-JUN-1994
ATTORNEY/AGENT INFORMATION:
NAME: Lauder, Leona L.
REGISTRATION NUMBER: 30,863
REFERENCE/DOCKET NUMBER: D-0021.3C
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-435-2034
TELEFAX: 415-435-0727
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
DESCRIPTION: Initiator consensus sequence
US-08-486-756A-23

Query Match 30.0%; Score 3; DB 2; Length 10;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
DB 10 RRR 8

RESULT 103
US-08-485-862B-23
Sequence 23, Application US/08485862B
Patent No. 5989838
GENERAL INFORMATION:
APPLICANT: Zavada, Jan
APPLICANT: Pastorekova, Silvia
APPLICANT: Pastorek, Jaromir
TITLE OF INVENTION: MN Gene and Protein
NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
ADDRESSEE: Leona L. Lauder
STREET: 6 Mariposa Court
CITY: Tiburon
STATE: California
COUNTRY: USA
ZIP: 94920
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,862B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/477,504
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: US 08/260,190
FILING DATE: 15-JUN-1994
ATTORNEY/AGENT INFORMATION:
NAME: Lauder, Leona L.
REGISTRATION NUMBER: 30,863
REFERENCE/DOCKET NUMBER: D-0021.3D
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-435-2034
TELEFAX: 415-435-0727
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
DESCRIPTION: Initiator consensus sequence
US-08-485-862B-23

Query Match 30.0%; Score 3; DB 2; Length 10;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
DB 1 YYY 3

RESULT 104

US-08-485-862B-23/c
; Sequence 23, Application US/08485862B
; Patent No. 6027887
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Leona L. Lauder
; STREET: 6 Mariposa Court
; CITY: Tiburon
; STATE: California
; COUNTRY: USA
; ZIP: 94920
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/485,862B
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/477,504
; FILING DATE: 07-JUN-1995
; APPLICATION NUMBER: US 08/260,190
; FILING DATE: 15-JUN-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Lauder, Leona L.
; REGISTRATION NUMBER: 30,863
; REFERENCE/DOCKET NUMBER: D-0021.3D
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-435-2034
; TELEFAX: 415-435-0727
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; DESCRIPTION: Initiator consensus sequence
US-08-485-862B-23

Query Match 30.0%; Score 3; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3

Db 10 RRR 8

RESULT 105

US-08-787-739-23
; Sequence 23, Application US/08787739
; Patent No. 6027887
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; NUMBER OF SEQUENCES: 96
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Leona L. Lauder
; STREET: 369 Pine Street, Suite 610
; CITY: San Francisco
; STATE: California
; COUNTRY: USA

; ZIP: 94104

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/787,739
; FILING DATE: 24-JAN-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/485,049
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/486,756
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/477,504
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/481,658
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/485,862
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/485,863
; FILING DATE: 07-JUN-1995
; APPLICATION NUMBER: US 08/487,077
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Lauder, Leona L.
; REGISTRATION NUMBER: 30,863
; REFERENCE/DOCKET NUMBER: D-0021.4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-981-2034
; TELEFAX: 415-981-0332
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; DESCRIPTION: Initiator consensus sequence
US-08-787-739-23

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10

Db 1 YYY 3

RESULT 106

US-08-787-739-23/c
; Sequence 23, Application US/08787739
; Patent No. 6027887
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; NUMBER OF SEQUENCES: 96
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Leona L. Lauder
; STREET: 369 Pine Street, Suite 610
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94104

```
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/787,739
; FILING DATE: 24-JAN-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/485,049
; FILING DATE: 07-JUN-1995
; APPLICATION NUMBER: US 08/486,756
; FILING DATE: 07-JUN-1995
; APPLICATION NUMBER: US 08/477,504
; FILING DATE: 07-JUN-1995
; APPLICATION NUMBER: US 08/481,658
; FILING DATE: 07-JUN-1995
; APPLICATION NUMBER: US 08/485,862
; FILING DATE: 07-JUN-1995
; APPLICATION NUMBER: US 08/485,863
; FILING DATE: 07-JUN-1995
; APPLICATION NUMBER: US 08/487,077
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Lauder, Leona L.
; REGISTRATION NUMBER: 30,863
; REFERENCE/DOCKET NUMBER: D-0021.4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-981-2034
; TELEFAX: 415-981-0332
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; DESCRIPTION: Initiator consensus sequence
US-08-787-739-23

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
Db 10 RRR 8

RESULT 107
US-08-742-877-13
; Sequence 13, Application US/08742877
; Patent No. 6046380
; GENERAL INFORMATION:
; APPLICANT: CLARK, Anthony J.
; TITLE OF INVENTION: DNA SEQUENCES
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX, P.L.L.C.
; STREET: 1100 NEW YORK AVENUE, NW, SUITE 600
; CITY: WASHINGTON
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/742,877
; FILING DATE: 01-NOV-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9408717.8
; FILING DATE: 03-MAY-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FLESHNER, RAZ E.
; REGISTRATION NUMBER: 34,331
; REFERENCE/DOCKET NUMBER: 0623.0470001/REF
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2540
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; COMPUTER: IBM PC compatible
```

```
;
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/742,877
; FILING DATE: 01-NOV-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9408717.8
; FILING DATE: 03-MAY-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FLESHNER, RAZ E.
; REGISTRATION NUMBER: 34,331
; REFERENCE/DOCKET NUMBER: 0623.0470001/REF
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: mRNA
US-08-742-877-13

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 YYY 10
Db 1 YYY 3

RESULT 108
US-08-742-877-13/c
; Sequence 13, Application US/08742877
; Patent No. 6046380
; GENERAL INFORMATION:
; APPLICANT: CLARK, Anthony J.
; TITLE OF INVENTION: DNA SEQUENCES
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX, P.L.L.C.
; STREET: 1100 NEW YORK AVENUE, NW, SUITE 600
; CITY: WASHINGTON
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/742,877
; FILING DATE: 01-NOV-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9408717.8
; FILING DATE: 03-MAY-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FLESHNER, RAZ E.
; REGISTRATION NUMBER: 34,331
; REFERENCE/DOCKET NUMBER: 0623.0470001/REF
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
```

; TOPOLOGY: linear
; MOLECULE TYPE: mRNA
US-08-742-877-13

Query Match. 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
|||
Db 6 RRR 4

RESULT 109

US-08-487-077A-23

; Sequence 23, Application US/08487077A

; Patent No. 6069242

; GENERAL INFORMATION:

; APPLICANT: Zavada, Jan

; APPLICANT: Pastorekova, Silvia

; APPLICANT: Pastorek, Jaromir

; TITLE OF INVENTION: MN Gene and Protein

; NUMBER OF SEQUENCES: 86

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Leona L. Lauder

; STREET: 6 Mariposa Court

; CITY: Tiburon

; STATE: California

; COUNTRY: USA

; ZIP: 94920

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.30 (BPO)

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/487,077A

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/260,190

; FILING DATE: 15-JUN-1994

; ATTORNEY/AGENT INFORMATION:

; NAME: Lauder, Leona L.

; REGISTRATION NUMBER: 30,863

; REFERENCE/DOCKET NUMBER: D-0021.3H

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 415-435-2034

; TELEFAX: 415-435-0727

; INFORMATION FOR SEQ ID NO: 23:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 10 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

; DESCRIPTION: Initiator consensus sequence

US-08-487-077A-23

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
|||
Db 1 YYY 3

RESULT 110

US-08-487-077A-23/c

; Sequence 23, Application US/08487077A

; Patent No. 6069242

; GENERAL INFORMATION:

; APPLICANT: Zavada, Jan

; APPLICANT: Pastorekova, Silvia

; APPLICANT: Pastorek, Jaromir

; TITLE OF INVENTION: MN Gene and Protein

; NUMBER OF SEQUENCES: 86

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Leona L. Lauder

; STREET: 6 Mariposa Court

; CITY: Tiburon

; STATE: California

; COUNTRY: USA

; ZIP: 94920

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/487,077A

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/260,190

; FILING DATE: 15-JUN-1994

; ATTORNEY/AGENT INFORMATION:

; NAME: Lauder, Leona L.

; REGISTRATION NUMBER: 30,863

; REFERENCE/DOCKET NUMBER: D-0021.3H

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 415-435-2034

; TELEFAX: 415-435-0727

; INFORMATION FOR SEQ ID NO: 23:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 10 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

; DESCRIPTION: Initiator consensus sequence

US-08-487-077A-23

; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Leona L. Lauder
; STREET: 6 Mariposa Court
; CITY: Tiburon
; STATE: California
; COUNTRY: USA
; ZIP: 94920
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487,077A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/260,190
; FILING DATE: 15-JUN-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Lauder, Leona L.
; REGISTRATION NUMBER: 30,863
; REFERENCE/DOCKET NUMBER: D-0021.3H
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-435-2034
; TELEFAX: 415-435-0727
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; DESCRIPTION: Initiator consensus sequence
US-08-487-077A-23

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
|||
Db 10 RRR 8

RESULT 111

US-08-726-807B-47

; Sequence 47, Application US/08726807B

; Patent No. 6090618

; GENERAL INFORMATION:

; APPLICANT: Farmacek, Michael S.

; APPLICANT: Solway, Julian

; TITLE OF INVENTION: PROMOTER FOR SMOOTH MUSCLE CELL

; TITLE OF INVENTION: EXPRESSION

; NUMBER OF SEQUENCES: 55

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Arnold, White & Durkee

; STREET: P.O. Box 4433

; CITY: Houston

; STATE: Texas

; COUNTRY: USA

; ZIP: 77210

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/487,077A

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/260,190

; FILING DATE: 15-JUN-1994

; ATTORNEY/AGENT INFORMATION:

; NAME: Lauder, Leona L.

; REGISTRATION NUMBER: 30,863

; REFERENCE/DOCKET NUMBER: D-0021.3H

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 415-435-2034

; TELEFAX: 415-435-0727

; INFORMATION FOR SEQ ID NO: 23:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 10 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

; DESCRIPTION: Initiator consensus sequence

US-08-487-077A-23

APPLICATION NUMBER: US/08/726,807B
FILING DATE: 07-OCT-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/004,868
FILING DATE: 05-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: McMillian, Nabeela R.
REGISTRATION NUMBER: P-43,363
REFERENCE/DOCKET NUMBER: ARSB:510
TELEPHONE: (512) 418-3000
TELEFAX: (512) 474-7577
INFORMATION FOR SEQ ID NO: 47:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: modified_base
LOCATION: 3..8
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "W = A or T"

US-08-726-807B-47
Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CW 6
Db 2 CW 4

RESULT 112
US-08-726-807B-47/c
Sequence 47, Application US/08/726807B
Patent No. 6090618
GENERAL INFORMATION:
APPLICANT: Parmacek, Michael S.
APPLICANT: Solway, Julian
TITLE OF INVENTION: PROMOTER FOR SMOOTH MUSCLE CELL
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 55
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/726,807B
FILING DATE: 07-OCT-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/004,868
FILING DATE: 05-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: McMillian, Nabeela R.
REGISTRATION NUMBER: P-43,363
REFERENCE/DOCKET NUMBER: ARSB:510
TELEPHONE: (512) 418-3000
TELEFAX: (512) 474-7577
INFORMATION FOR SEQ ID NO: 47:
SEQUENCE CHARACTERISTICS:

LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: modified_base
LOCATION: 3..8
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "W = A or T"

US-08-726-807B-47
Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5 WG 7
Db 4 WG 2

RESULT 113
US-08-485-863A-23
Sequence 23, Application US/08485863A
Patent No. 6093548
GENERAL INFORMATION:
APPLICANT: Zavada, Jan
APPLICANT: Pastorekova, Silvia
APPLICANT: Pastorek, Jaromir
TITLE OF INVENTION: MN Gene and Protein
NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
ADDRESSEE: Leona L. Lauder
STREET: 6 Mariposa Court
CITY: Tiburon
STATE: California
COUNTRY: USA
ZIP: 94920
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,863A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/260,190
FILING DATE: 15-JUN-1994
ATTORNEY/AGENT INFORMATION:
NAME: Lauder, Leona L.
REGISTRATION NUMBER: 30,863
REFERENCE/DOCKET NUMBER: D-0021.3G
TELEPHONE: 415-435-2034
TELEFAX: 415-435-0727
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
DESCRIPTION: Initiator consensus sequence
US-08-485-863A-23

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 YY 10
Db 1 YY 3

RESULT 114

US-08-485-863A-23/c
; Sequence 23, Application US/08485863A
; Patent No. 6093548
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Leona L. Lauder
; STREET: 6 Mariposa Court
; CITY: Tiburon
; STATE: California
; COUNTRY: USA
; ZIP: 94920
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA: US/08/485,863A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/260,190
; FILING DATE: 15-JUN-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Lauder, Leona L.
; REGISTRATION NUMBER: 30,863
; REFERENCE/DOCKET NUMBER: D-0021.3G
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-435-2034
; TELEFAX: 415-435-0727
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; DESCRIPTION: Initiator consensus sequence
US-08-485-863A-23

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
Db 10 RRR 8

RESULT 115

US-09-258-367-47
; Sequence 47, Application US/09258367
; Patent No. 6114311
; GENERAL INFORMATION:
; APPLICANT: PARMACEK, MICHAEL S.
; APPLICANT: SOLWAY, JULIAN
; TITLE OF INVENTION: PROMOTER FOR SMOOTH MUSCLE CELL EXPRESSION
; FILE REFERENCE: ARCD:310
; CURRENT APPLICATION NUMBER: US/09/258,367
; CURRENT FILING DATE: 1999-02-26
; EARLIER APPLICATION NUMBER: 08/726,807
; EARLIER FILING DATE: 1996-10-07
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47

; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (3)..(8)
; OTHER INFORMATION: W = A or T
US-09-258-367-47

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CWV 6
Db 2 CWV 4

RESULT 116

US-09-258-367-47/c
; Sequence 47, Application US/09258367
; Patent No. 6114311
; GENERAL INFORMATION:
; APPLICANT: PARMACEK, MICHAEL S.
; APPLICANT: SOLWAY, JULIAN
; TITLE OF INVENTION: PROMOTER FOR SMOOTH MUSCLE CELL EXPRESSION
; FILE REFERENCE: ARCD:310
; CURRENT APPLICATION NUMBER: US/09/258,367
; CURRENT FILING DATE: 1999-02-26
; EARLIER APPLICATION NUMBER: 08/726,807
; EARLIER FILING DATE: 1996-10-07
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (3)..(8)
; OTHER INFORMATION: W = A or T
US-09-258-367-47

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5 WVG 7
Db 4 WVG 2

RESULT 117

US-08-972-927-11
; Sequence 11, Application US/08972927
; Patent No. 6166290
; GENERAL INFORMATION:
; APPLICANT: Rea, Philip A
; APPLICANT: Lu, Yu-Ping
; APPLICANT: Li, Ze-Sheng
; TITLE OF INVENTION: GLUTATHIONE-S-CONJUGATE TRANSPORT IN
; TITLE OF INVENTION: PLANTS
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.
; STREET: One Commerce Square, 2005 Market Street, 22nd
; FLOOR

;; CITY: Philadelphia
;; STATE: Pennsylvania
;; COUNTRY: US
;; ZIP: 19103-7086
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/972,927
;; FILING DATE: 18-NOV-1997
;; CLASSIFICATION: 800
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 60/031,040
;; FILING DATE: 18-NOV-1996
;; PRIOR APPLICATION DATA: US 60/061,328
;; FILING DATE: 08-OCT-1997
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Doyle Leary Ph.D., Kathryn
;; REGISTRATION NUMBER: 36,317
;; REFERENCE/DOCKET NUMBER: 9596-1202
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 215-965-1284
;; TELEFAX: 215-567-2991
;; TELEX: 831-494
;; INFORMATION FOR SEQ ID NO: 11:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 10 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: double
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (genomic)
US-08-972-927-11

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 WNG 7
DB 7 WNG 9

RESULT 118
US-08-972-927-11/c
; Sequence 11, Application US/08972927
; Patent No. 6166290
; GENERAL INFORMATION:
; APPLICANT: Rea, Philip A
; APPLICANT: Lu, Yu-Ping
; APPLICANT: Li, Ze-Sheng
; TITLE OF INVENTION: GLUTATHIONE-S-CONJUGATE TRANSPORT IN
; TITLE OF INVENTION: PLANTS
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSER: PANITCH SCHWARZE JACOBS & NADEL, P.C.
; STREET: One Commerce Square, 2005 Market Street, 22nd
; STREET: Floor
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: US
; ZIP: 19103-7086
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/972,927
; FILING DATE: 18-NOV-1997
; CLASSIFICATION: 800

;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 60/031,040
;; FILING DATE: 18-NOV-1996
;; PRIOR APPLICATION DATA: US 60/061,328
;; FILING DATE: 08-OCT-1997
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Doyle Leary Ph.D., Kathryn
;; REGISTRATION NUMBER: 36,317
;; REFERENCE/DOCKET NUMBER: 9596-1202
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 215-965-1284
;; TELEFAX: 215-567-2991
;; TELEX: 831-494
;; INFORMATION FOR SEQ ID NO: 11:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 10 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: double
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (genomic)
US-08-972-927-11

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CW 6
DB 9 CW 7

RESULT 119
US-08-646-301A-11
; Sequence 11, Application US/08646301A
; Patent No. 6194211
; GENERAL INFORMATION:
; APPLICANT: Richards, Cynthia Ann
; APPLICANT: Huber, Brian E.
; TITLE OF INVENTION: Transcriptional Regulatory Sequence of Carcinoembryonic
; Patent No. 6194211
; TITLE OF INVENTION: Antigen for Expression Targeting
; FILE REFERENCE: PB1508USW
; CURRENT APPLICATION NUMBER: US/08/646,301A
; CURRENT FILING DATE: 1996-05-16
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: consensus
; OTHER INFORMATION: sequence B12 from DNA Sequence 1:3-11 (1990).
; Patent No. 6194211
US-08-646-301A-11

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CW 6
DB 2 CW 4

RESULT 120
US-08-646-301A-11/c
; Sequence 11, Application US/08646301A
; Patent No. 6194211
; GENERAL INFORMATION:
; APPLICANT: Richards, Cynthia Ann
; APPLICANT: Huber, Brian E.


```
; TITLE OF INVENTION: Transcriptional Regulatory Sequence of Carcinoembryonic
; Patent No. 6194211
; FILE OF INVENTION: Antigen for Expression Targeting
; FILE REFERENCE: PB1508USW
; CURRENT APPLICATION NUMBER: US/08/646.301A
; CURRENT FILING DATE: 1996-05-16
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: consensus
; OTHER INFORMATION: sequence B12 from DNA Sequence 1:3-11 (1990).
; Patent No. 6194211
US-08-646-301A-11

Query Match          30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4 CWW 6
      |||
Db      9 CWW 7

RESULT 121
US-08-485-049D-23
; Sequence 23, Application US/08485049D
; Patent No. 6204370
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Leona L. Lauder
; STREET: 369 Pine Street
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/485,049D
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/260,190
; FILING DATE: 15-JUN-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Lauder, Leona L.
; REGISTRATION NUMBER: 30,863
; REFERENCE/DOCKET NUMBER: D-0021.3E
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-981-2034
; TELEFAX: 415-981-0332
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; DESCRIPTION: Initiator consensus sequence
US-08-485-049D-23

Query Match          30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4 CWW 6
      |||
Db      9 CWW 7

RESULT 122
US-08-485-049D-23/c
; Sequence 23, Application US/08485049D
; Patent No. 6204370
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Leona L. Lauder
; STREET: 369 Pine Street
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/485,049D
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/260,190
; FILING DATE: 15-JUN-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Lauder, Leona L.
; REGISTRATION NUMBER: 30,863
; REFERENCE/DOCKET NUMBER: D-0021.3E
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-981-2034
; TELEFAX: 415-981-0332
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; DESCRIPTION: Initiator consensus sequence
US-08-485-049D-23

Query Match          30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRR 3
      |||
Db      10 RRR 8

RESULT 123
US-09-134-246-1
; Sequence 1, Application US/09134246B
; Patent No. 6207377
; GENERAL INFORMATION:
; APPLICANT: Wayne, Jay
; APPLICANT: Xu, Shuang-yong
; TITLE OF INVENTION: Method For Construction Of Thermus-F. coli Shuttle
; TITLE OF INVENTION: Vectors And Identification of Two Thermus Plasmid
```

; TITLE OF INVENTION: Replication Origins
; FILE REFERENCE: Thermus Shuttle Vector
; CURRENT APPLICATION NUMBER: US/09/134,246B
; CURRENT FILING DATE: 1998-08-14
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Thermus sp.
US-09-134-246-1

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 RRC 4
Db 1 RRC 3

RESULT 124

US-09-134-246-1/c
; Sequence 1, Application US/09134246B
; Patent No. 6207377
; GENERAL INFORMATION:
; APPLICANT: Wayne, Jay
; APPLICANT: Xu, Shuang-Yong
; TITLE OF INVENTION: Method For Construction Of Thermus-E. coli Shuttle
; TITLE OF INVENTION: Vectors And Identification of Two Thermus Plasmid
; TITLE OF INVENTION: Replication Origins
; FILE REFERENCE: Thermus Shuttle Vector
; CURRENT APPLICATION NUMBER: US/09/134,246B
; CURRENT FILING DATE: 1998-08-14
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Thermus sp.
US-09-134-246-1

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
Db 10 RRR 8

RESULT 125

US-09-546-550-47
; Sequence 47, Application US/09546550
; Patent No. 6284743
; GENERAL INFORMATION:
; APPLICANT: PARMACEK, MICHAEL S.
; APPLICANT: SOLWAY, JULIAN
; TITLE OF INVENTION: PROMOTER FOR SMOOTH MUSCLE CELL EXPRESSION
; FILE REFERENCE: ARCD:310
; CURRENT APPLICATION NUMBER: US/09/546,550
; CURRENT FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: 09/258,367
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer

; NAME/KEY: modified_base
; LOCATION: (3)..(8)
; OTHER INFORMATION: W = A or T
US-09-546-550-47

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CWV 6
Db 2 CWV 4

RESULT 126

US-09-546-550-47/c
; Sequence 47, Application US/09546550
; Patent No. 6284743
; GENERAL INFORMATION:
; APPLICANT: PARMACEK, MICHAEL S.
; APPLICANT: SOLWAY, JULIAN
; TITLE OF INVENTION: PROMOTER FOR SMOOTH MUSCLE CELL EXPRESSION
; FILE REFERENCE: ARCD:310
; CURRENT APPLICATION NUMBER: US/09/546,550
; CURRENT FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: 09/258,367
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; NAME/KEY: modified_base
; LOCATION: (3)..(8)
; OTHER INFORMATION: W = A or T
US-09-546-550-47

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5 WVG 7
Db 4 WVG 2

RESULT 127

US-09-431-414-47
; Sequence 47, Application US/09431414
; Patent No. 6291211
; GENERAL INFORMATION:
; APPLICANT: PARMACEK, MICHAEL S.
; APPLICANT: SOLWAY, JULIAN
; TITLE OF INVENTION: PROMOTER FOR SMOOTH MUSCLE CELL EXPRESSION
; FILE REFERENCE: ARCD:335
; CURRENT APPLICATION NUMBER: US/09/431,414
; CURRENT FILING DATE: 1999-11-01
; EARLIER APPLICATION NUMBER: 08/726,807
; PRIOR FILING DATE: 1996-10-07
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
; OTHER INFORMATION: Primer

```
; NAME/KEY: modified_base
; LOCATION: (3)..(8)
; OTHER INFORMATION: W = A or T
US-09-431-414-47

Query Match      30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4 CWW 6
Db      2 CWW 4

RESULT 128
US-09-431-414-47/c
; Sequence 47, Application US/09431414
; Patent No. 6291211
; GENERAL INFORMATION:
; APPLICANT: PARMACEK, MICHAEL S.
; APPLICANT: SOLWAY, JULIAN
; TITLE OF INVENTION: PROMOTER FOR SMOOTH MUSCLE CELL EXPRESSION
; FILE REFERENCE: ARCD:335
; CURRENT APPLICATION NUMBER: US/09/431,414
; CURRENT FILING DATE: 1999-11-01
; EARLIER APPLICATION NUMBER: 08/726,807
; EARLIER FILING DATE: 1996-10-07
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (3)..(8)
; OTHER INFORMATION: W = A or T
US-09-431-414-47

Query Match      30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      5 WWC 7
Db      4 WWC 2

RESULT 129
US-09-178-115-23
; Sequence 23, Application US/09178115
; Patent No. 6297041
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; FILE REFERENCE: D-0021.5A
; CURRENT APPLICATION NUMBER: US/09/178,115
; CURRENT FILING DATE: 1998-10-23
; EARLIER APPLICATION NUMBER: 09/177,776
; EARLIER FILING DATE: 1998-10-23
; EARLIER APPLICATION NUMBER: 08/787,739
; EARLIER FILING DATE: 1997-01-24
; EARLIER APPLICATION NUMBER: 08/485,049
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/486,756
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/477,504
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/481,658
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/485,862
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/485,863
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/487,077
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/260,190
; EARLIER FILING DATE: 1994-06-15
; EARLIER APPLICATION NUMBER: 08/177,093
; EARLIER FILING DATE: 1993-12-30
; EARLIER APPLICATION NUMBER: 07/964,589
; EARLIER FILING DATE: 1992-10-21
; EARLIER APPLICATION NUMBER: PV-709-92
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.0

Query Match      30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 YYY 10
Db      1 YYY 3

RESULT 130
US-09-178-115-23/c
; Sequence 23, Application US/09178115
; Patent No. 6297041
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; FILE REFERENCE: D-0021.5A
; CURRENT APPLICATION NUMBER: US/09/178,115
; CURRENT FILING DATE: 1998-10-23
; EARLIER APPLICATION NUMBER: 09/177,776
; EARLIER FILING DATE: 1998-10-23
; EARLIER APPLICATION NUMBER: 08/787,739
; EARLIER FILING DATE: 1997-01-24
; EARLIER APPLICATION NUMBER: 08/485,049
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/486,756
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/477,504
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/481,658
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/485,862
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/485,863
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/487,077
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/260,190
; EARLIER FILING DATE: 1994-06-15
; EARLIER APPLICATION NUMBER: 08/177,093
; EARLIER FILING DATE: 1993-12-30
; EARLIER APPLICATION NUMBER: 07/964,589
; EARLIER FILING DATE: 1992-10-21
; EARLIER APPLICATION NUMBER: PV-709-92
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.0
```

; SEQ ID NO 23
; LENGTH: 10
; TYPE: DNA
; ORGANISM: HUMAN
US-09-178-115-23

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
|||
Db 10 RRR 8

RESULT 131

US-09-177-776-23
; Sequence 23, Application US/09177776A
; Patent No. 6297051
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; FILE REFERENCE: D-0021.5A
; CURRENT APPLICATION NUMBER: US/09/177,776A
; CURRENT FILING DATE: 1998-10-23
; EARLIER APPLICATION NUMBER: 08/787,739
; EARLIER FILING DATE: 1997-01-24
; EARLIER APPLICATION NUMBER: 08/485,049
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/486,756
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/477,504
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/481,658
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/485,862
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/260,190
; EARLIER FILING DATE: 1994-06-15
; EARLIER APPLICATION NUMBER: 08/177,093
; EARLIER FILING DATE: 1993-12-30
; EARLIER APPLICATION NUMBER: 07/964,589
; EARLIER FILING DATE: 1993-12-30
; EARLIER APPLICATION NUMBER: 07/964,589
; EARLIER FILING DATE: 1992-10-21
; EARLIER APPLICATION NUMBER: PV-709-92
; EARLIER FILING DATE: 1992-03-11
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 23
; LENGTH: 10
; TYPE: DNA
; ORGANISM: HUMAN
US-09-177-776-23

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 YYY 10
|||
Db 1 YYY 3

RESULT 132

US-09-177-776-23/c
; Sequence 23, Application US/09177776A
; Patent No. 6297051
; GENERAL INFORMATION:

; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; FILE REFERENCE: D-0021.5A
; CURRENT APPLICATION NUMBER: US/09/177,776A
; CURRENT FILING DATE: 1998-10-23
; EARLIER APPLICATION NUMBER: 08/787,739
; EARLIER FILING DATE: 1997-01-24
; EARLIER APPLICATION NUMBER: 08/485,049
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/486,756
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/477,504
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/481,658
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/485,862
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/260,190
; EARLIER FILING DATE: 1994-06-15
; EARLIER APPLICATION NUMBER: 08/177,093
; EARLIER FILING DATE: 1993-12-30
; EARLIER APPLICATION NUMBER: 07/964,589
; EARLIER FILING DATE: 1992-10-21
; EARLIER APPLICATION NUMBER: PV-709-92
; EARLIER FILING DATE: 1992-03-11
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 23
; LENGTH: 10
; TYPE: DNA
; ORGANISM: HUMAN
US-09-177-776-23

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
|||
Db 10 RRR 8

RESULT 133

US-09-225-670-47
; Sequence 47, Application US/09225670
; Patent No. 6297221
; GENERAL INFORMATION:
; APPLICANT: PARMACEK, MICHAEL S.
; APPLICANT: SOLWAY, JULIAN
; TITLE OF INVENTION: PROMOTER FOR SMOOTH MUSCLE CELL EXPRESSION
; FILE REFERENCE: ARSB:526
; CURRENT APPLICATION NUMBER: US/09/225,670
; CURRENT FILING DATE: 1999-01-05
; EARLIER APPLICATION NUMBER: 08/726,807
; EARLIER FILING DATE: 1996-10-07
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (3)..(8)

```
;
; OTHER INFORMATION: W = A or T
US-09-225-670-47

Query Match      30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4 CW 6
      |||
Db      2 CW 4

RESULT 134
US-09-225-670-47/c
; Sequence 47, Application US/09225670
; Patent No. 6297221
; GENERAL INFORMATION:
; APPLICANT: PHARMACEK, MICHAEL S.
; APPLICANT: SOLWAY, JULIAN
; TITLE OF INVENTION: PROMOTER FOR SMOOTH MUSCLE CELL EXPRESSION
; CURRENT APPLICATION NUMBER: US/09/225,670
; CURRENT FILING DATE: 1999-01-05
; EARLIER APPLICATION NUMBER: 08/726,807
; EARLIER FILING DATE: 1996-10-07
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; NAME/KEY: modified_base
; LOCATION: (3)..(8)
; OTHER INFORMATION: W = A or T
US-09-225-670-47

Query Match      30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      5 WWG 7
      |||
Db      4 WWG 2

RESULT 135
US-09-431-349C-47
; Sequence 47, Application US/09431349C
; Patent No. 6331527
; GENERAL INFORMATION:
; APPLICANT: PHARMACEK, MICHAEL S.
; APPLICANT: SOLWAY, JULIAN
; TITLE OF INVENTION: PROMOTER FOR SMOOTH MUSCLE CELL EXPRESSION
; CURRENT APPLICATION NUMBER: US/09/431,349C
; CURRENT FILING DATE: 1999-11-01
; PRIOR APPLICATION NUMBER: 09/225,670
; PRIOR FILING DATE: 1999-01-05
; PRIOR APPLICATION NUMBER: 08/726,807
; PRIOR FILING DATE: 1996-10-07
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; NAME/KEY: modified_base
; LOCATION: (3)..(8)
; OTHER INFORMATION: W = A or T
US-09-431-349C-47

Query Match      30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      5 WWG 7
      |||
Db      4 WWG 2

RESULT 136
US-09-431-349C-47/c
; Sequence 47, Application US/09431349C
; Patent No. 6331527
; GENERAL INFORMATION:
; APPLICANT: PHARMACEK, MICHAEL S.
; APPLICANT: SOLWAY, JULIAN
; TITLE OF INVENTION: PROMOTER FOR SMOOTH MUSCLE CELL EXPRESSION
; CURRENT APPLICATION NUMBER: US/09/431,349C
; CURRENT FILING DATE: 1999-11-01
; PRIOR APPLICATION NUMBER: 09/225,670
; PRIOR FILING DATE: 1999-01-05
; PRIOR APPLICATION NUMBER: 08/726,807
; PRIOR FILING DATE: 1996-10-07
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; NAME/KEY: modified_base
; LOCATION: (3)..(8)
; OTHER INFORMATION: W = A or T
US-09-431-349C-47

Query Match      30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      5 WWG 7
      |||
Db      4 WWG 2

RESULT 137
US-09-122-171D-3
; Sequence 3, Application US/09122171D
; Patent No. 6423693
; GENERAL INFORMATION:
; APPLICANT: Schwartz, Robert J.
; APPLICANT: Draghia-Akli, Ruxandra
; APPLICANT: Li, Xuyang
; APPLICANT: Eastman, Eric
; TITLE OF INVENTION: GHRH Expression System and Methods of Use
; FILE REFERENCE: 236/006 GeneMedicine
; CURRENT APPLICATION NUMBER: US/09/122,171D
; CURRENT FILING DATE: 1998-07-24
; PRIOR APPLICATION NUMBER: 60/062,608
; PRIOR FILING DATE: 1997-10-20
; PRIOR APPLICATION NUMBER: 60/053,609
; PRIOR FILING DATE: 1997-07-24
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 10
```

; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: The inner core of the serum response element
; NAME/KEY: misc.feature
; LOCATION: (3)..(8)
; OTHER INFORMATION: The letter "w" stands for a or t
US-09-122-171D-3

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CWW 6
Db 2 CWW 4

RESULT 138
US-09-122-171D-3/c
; Sequence 3, Application US/09122171D
; Patent No. 6423693
; GENERAL INFORMATION:
; APPLICANT: Schwartz, Robert J.
; APPLICANT: Draghia-Akli, Ruxandra
; APPLICANT: Li, Xuyang
; APPLICANT: Eastman, Eric
; TITLE OF INVENTION: GHRH Expression System and Methods of Use
; FILE REFERENCE: 236/006 GeneMedicine
; CURRENT APPLICATION NUMBER: US/09/122,171D
; CURRENT FILING DATE: 1998-07-24
; PRIOR APPLICATION NUMBER: 60/062,608
; PRIOR FILING DATE: 1997-10-20
; PRIOR APPLICATION NUMBER: 60/053,609
; PRIOR FILING DATE: 1997-07-24
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 3
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: The inner core of the serum response element
; NAME/KEY: misc.feature
; LOCATION: (3)..(8)
; OTHER INFORMATION: The letter "w" stands for a or t
US-09-122-171D-3

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CWW 6
Db 9 CWW 7

RESULT 139
US-09-772-719B-23
; Sequence 23, Application US/09772719B
; Patent No. 6770438
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorek, Jaromir
; APPLICANT: Pastorekova, Silvia
; TITLE OF INVENTION: MN Gene and Protein
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Leona L. Lauder
; STREET: 465 California Street, Suite 450
; CITY: San Francisco
; STATE: California
; COUNTRY: USA

ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/772,719B
; FILING DATE: 30-Jan-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/485,049
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Lauder, Leona L.
; REGISTRATION NUMBER: 30,863
; REFERENCE/DOCKET NUMBER: D-0021.3A-2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-981-2034
; TELEFAX: 415-981-0332
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; DESCRIPTION: Initiator consensus sequence
; SEQUENCE DESCRIPTION: SEQ ID NO: 23:
US-09-772-719B-23

Query Match 30.0%; Score 3; DB 4; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 YYY 10
Db 1 YYY 3

RESULT 140
US-09-772-719B-23/c
; Sequence 23, Application US/09772719B
; Patent No. 6770438
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorek, Jaromir
; APPLICANT: Pastorekova, Silvia
; TITLE OF INVENTION: MN Gene and Protein
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Leona L. Lauder
; STREET: 465 California Street, Suite 450
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/772,719B
; FILING DATE: 30-Jan-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/485,049
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Lauder, Leona L.
; REGISTRATION NUMBER: 30,863
; REFERENCE/DOCKET NUMBER: D-0021.3A-2

```
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-981-2034
; TELEFAX: 415-981-0332
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; DESCRIPTION: Initiator consensus sequence
; SEQUENCE DESCRIPTION: SEQ ID NO: 23:
US-09-772-719B-23

Query Match          30.0%; Score 3; DB 4; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRR 3
DB      10 RRR 8

RESULT 141
US-09-664-186-1
; Sequence 1, Application US/09664186
; Patent No. 6815537
; GENERAL INFORMATION:
; APPLICANT: Wayne, Jay
; APPLICANT: Xu, Shuang-yong
; TITLE OF INVENTION: Method For Construction Of Thermus-E. coli Shuttle
; TITLE OF INVENTION: Vectors And Identification Of Two Thermus Plasmid
; FILE REFERENCE: Replication Origins
; CURRENT APPLICATION NUMBER: US/09/664,186
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US/09/134,246B
; PRIOR FILING DATE: 1998-08-14
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Thermus sp.
US-09-664-186-1

Query Match          30.0%; Score 3; DB 4; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 RRC 4
DB      1 RRC 3

RESULT 142
US-09-664-186-1/c
; Sequence 1, Application US/09664186
; Patent No. 6815537
; GENERAL INFORMATION:
; APPLICANT: Wayne, Jay
; APPLICANT: Xu, Shuang-yong
; TITLE OF INVENTION: Method For Construction Of Thermus-E. coli Shuttle
; TITLE OF INVENTION: Vectors And Identification Of Two Thermus Plasmid
; FILE REFERENCE: Replication Origins
; CURRENT APPLICATION NUMBER: US/09/664,186
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US/09/134,246B
; PRIOR FILING DATE: 1998-08-14
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
```

```
;
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Thermus sp.
US-09-664-186-1

Query Match          30.0%; Score 3; DB 4; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRR 3
DB      10 RRR 8

RESULT 143
5164316-1
; APPLICANT: MCPHERSON, JOAN C.; KAY, ROBERT
; TITLE OF INVENTION: DNA CONSTRUCT FOR ENHANCING THE
; EFFICIENCY OF TRANSCRIPTION
; NUMBER OF SEQUENCES: 1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/395,155
; FILING DATE: 17-AUG-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 147,887
; FILING DATE: 25-JAN-1988
; APPLICATION NUMBER: 2,780
; FILING DATE: 13-JAN-1987
; SEQ ID NO:1
; LENGTH: 10
5164316-1

Query Match          30.0%; Score 3; DB 6; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      5 WVG 7
DB      8 WVG 10

RESULT 144
5164316-1/c
; APPLICANT: MCPHERSON, JOAN C.; KAY, ROBERT
; TITLE OF INVENTION: DNA CONSTRUCT FOR ENHANCING THE
; EFFICIENCY OF TRANSCRIPTION
; NUMBER OF SEQUENCES: 1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/395,155
; FILING DATE: 17-AUG-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 147,887
; FILING DATE: 25-JAN-1988
; APPLICATION NUMBER: 2,780
; FILING DATE: 13-JAN-1987
; SEQ ID NO:1
; LENGTH: 10
5164316-1

Query Match          30.0%; Score 3; DB 6; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4 CWV 6
DB      10 CWV 8

RESULT 145
5164316-1
; APPLICANT: MCPHERSON, JOAN C.; KAY, ROBERT
```

; APPLICANT: MCPHERSON, JOAN C.; KAY, ROBERT
; TITLE OF INVENTION: DNA CONSTRUCT FOR ENHANCING THE
; EFFICIENCY OF TRANSCRIPTION
; NUMBER OF SEQUENCES: 1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/395,155
; FILING DATE: 17-AUG-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 147,887
; FILING DATE: 25-JAN-1988
; APPLICATION NUMBER: 2,780
; FILING DATE: 13-JAN-1987
; SEQ ID NO:1:
; LENGTH: 10
5164316-1

Query Match 30.0%; Score 3; DB 6; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5 WVG 7
Db 8 WVG 10

RESULT 146
5164316-1/c
; Patent No. 5164316
; APPLICANT: MCPHERSON, JOAN C.; KAY, ROBERT
; TITLE OF INVENTION: DNA CONSTRUCT FOR ENHANCING THE
; EFFICIENCY OF TRANSCRIPTION
; NUMBER OF SEQUENCES: 1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/395,155
; FILING DATE: 17-AUG-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 147,887
; FILING DATE: 25-JAN-1988
; APPLICATION NUMBER: 2,780
; FILING DATE: 13-JAN-1987
; SEQ ID NO:1:
; LENGTH: 10
5164316-1

Query Match 30.0%; Score 3; DB 6; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CWV 6
Db 10 CWV 8

RESULT 147
US-08-643-886-13
; Sequence 13, Application US/08643886
; Patent No. 5695977
; GENERAL INFORMATION:
; APPLICANT: JURKA, Jerzy W.
; TITLE OF INVENTION: Site Directed Recombination
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hohbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: CA
; COUNTRY: US
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/643,886
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I
; REGISTRATION NUMBER: 20015
; REFERENCE/DOCKET NUMBER: A-63252/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "sequence"
US-08-643-886-13

Query Match 30.0%; Score 3; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
Db 8 RRR 10

RESULT 148
US-08-643-886-13/c
; Sequence 13, Application US/08643886
; Patent No. 5695977
; GENERAL INFORMATION:
; APPLICANT: JURKA, Jerzy W.
; TITLE OF INVENTION: Site Directed Recombination
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hohbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: CA
; COUNTRY: US
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/643,886
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I
; REGISTRATION NUMBER: 20015
; REFERENCE/DOCKET NUMBER: A-63252/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "sequence"
US-08-643-886-13

Query Match 30.0%; Score 3; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 0;

Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 YYY 10
|
|
|
Db 10 YYY 8

RESULT 149

US-08-643-886-2

; Sequence 2, Application US/08643886

; Patent No. 5695977

; GENERAL INFORMATION:

; APPLICANT: JURKA, Jerzy W.

; TITLE OF INVENTION: Site Directed Recombination

; NUMBER OF SEQUENCES: 22

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert

; STREET: Four Embarcadero Center, Suite 3400

; CITY: San Francisco

; STATE: CA

; COUNTRY: US

; ZIP: 94111

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/643,886

; FILING DATE:

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Rowland, Bertram I

; REGISTRATION NUMBER: 20015

; REFERENCE/DOCKET NUMBER: A-63252/BIR

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 415-781-1989

; TELEFAX: 415-398-3249

; INFORMATION FOR SEQ ID NO: 2:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 12 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: other nucleic acid

; DESCRIPTION: /desc = "sequence"

; US-08-643-886-2

Query Match

Best Local Similarity 30.0%; Score 3; DB 1; Length 12;

Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 YYY 10
|
|
|
Db 9 YYY 11

RESULT 150

US-08-643-886-2/c

; Sequence 2, Application US/08643886

; Patent No. 5695977

; GENERAL INFORMATION:

; APPLICANT: JURKA, Jerzy W.

; TITLE OF INVENTION: Site Directed Recombination

; NUMBER OF SEQUENCES: 22

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert

; STREET: Four Embarcadero Center, Suite 3400

; CITY: San Francisco

; STATE: CA

; COUNTRY: US

; ZIP: 94111

; COMPUTER READABLE FORM:

; US-08-643-886-2

; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/643,886
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I
; REGISTRATION NUMBER: 20015
; REFERENCE/DOCKET NUMBER: A-63252/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "sequence"

US-08-643-886-2

Query Match

Best Local Similarity 30.0%; Score 3; DB 1; Length 12;

Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3

|
|
|

Db 11 RRR 9

RESULT 151

US-08-643-886-14

; Sequence 14, Application US/08643886

; Patent No. 5695977

; GENERAL INFORMATION:

; APPLICANT: JURKA, Jerzy W.

; TITLE OF INVENTION: Site Directed Recombination

; NUMBER OF SEQUENCES: 22

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert

; STREET: Four Embarcadero Center, Suite 3400

; CITY: San Francisco

; STATE: CA

; COUNTRY: US

; ZIP: 94111

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/643,886

; FILING DATE:

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Rowland, Bertram I

; REGISTRATION NUMBER: 20015

; REFERENCE/DOCKET NUMBER: A-63252/BIR

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 415-781-1989

; TELEFAX: 415-398-3249

; INFORMATION FOR SEQ ID NO: 14:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 12 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: other nucleic acid

; DESCRIPTION: /desc = "sequence"

; US-08-643-886-2

US-08-643-886-14

Query Match 30.0%; Score 3; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
DB 9 RRR 11

RESULT 152

US-08-643-886-14/c
; Sequence 14, Application US/08643886
; Patent No. 5695977
; GENERAL INFORMATION:
; APPLICANT: JURKA, Jerzy W.
; TITLE OF INVENTION: Site Directed Recombination
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hohbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: CA
; COUNTRY: US
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/643,886
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I
; REGISTRATION NUMBER: 20015
; REFERENCE/DOCKET NUMBER: A-63252/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "sequence"
US-08-643-886-14

Query Match 30.0%; Score 3; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
DB 11 YYY 9

RESULT 153

US-08-235-503B-33
; Sequence 33, Application US/08235503B
; Patent No. 5563036
; GENERAL INFORMATION:
; APPLICANT: Peterson, Michael G
; APPLICANT: Baichwal, Vijay R
; APPLICANT: Strulovici, Berta
; TITLE OF INVENTION: TRANSCRIPTION FACTOR-DNA ASSAY
; NUMBER OF SEQUENCES: 75
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT

STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-4187

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/235,503B

FILING DATE: 29-APR-1994

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Osman, Richard A

REGISTRATION NUMBER: 36,627

REFERENCE/DOCKET NUMBER: A-59332/RAO

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 781-1989

TELEFAX: (415) 398-3249

INFORMATION FOR SEQ ID NO: 33:

SEQUENCE CHARACTERISTICS:

LENGTH: 13 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

US-08-235-503B-33

Query Match 30.0%; Score 3; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
DB 11 YYY 13

RESULT 154

US-08-235-503B-33/c
; Sequence 33, Application US/08235503B
; Patent No. 5563036
; GENERAL INFORMATION:
; APPLICANT: Peterson, Michael G
; APPLICANT: Baichwal, Vijay R
; APPLICANT: Strulovici, Berta
; TITLE OF INVENTION: TRANSCRIPTION FACTOR-DNA ASSAY
; NUMBER OF SEQUENCES: 75
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-4187

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/235,503B

FILING DATE: 29-APR-1994

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Osman, Richard A

REGISTRATION NUMBER: 36,627

REFERENCE/DOCKET NUMBER: A-59332/RAO

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 781-1989

TELEFAX: (415) 398-3249

```
;
;
; TELEX: 910 277299
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; US-08-235-503B-33

Query Match 30.0%; Score 3; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
Db 13 RRR 11

RESULT 155
US-08-643-886-3
; Sequence 3, Application US/08643886
; Patent No. 5695977
; GENERAL INFORMATION:
; APPLICANT: JURKA, Jerzy W.
; TITLE OF INVENTION: Site Directed Recombination
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: CA
; COUNTRY: US
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/643,886
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I
; REGISTRATION NUMBER: 20015
; REFERENCE/DOCKET NUMBER: A-63252/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "sequence"
; US-08-643-886-3

Query Match 30.0%; Score 3; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
Db 12 RRR 10

RESULT 157
US-08-643-886-15
; Sequence 15, Application US/08643886
; Patent No. 5695977
; GENERAL INFORMATION:
; APPLICANT: JURKA, Jerzy W.
; TITLE OF INVENTION: Site Directed Recombination
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: CA
; COUNTRY: US
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/643,886
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I
; REGISTRATION NUMBER: 20015

Query Match 30.0%; Score 3; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 YYY 10
Db 10 YYY 12

RESULT 156
US-08-643-886-3/c
; Sequence 3, Application US/08643886
; Patent No. 5695977
```

REFERENCE/DOCKET NUMBER: A-63252/BIR
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
TELEFAX: 415-398-3249
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "sequence"
US-08-643-886-15

Query Match 30.0%; Score 3; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
Db 10 RRR 12

RESULT 158
US-08-643-886-15/c
Sequence 15, Application US/08643886
Patent No. 5695977
GENERAL INFORMATION:
APPLICANT: JURKA, Jerzy W.
TITLE OF INVENTION: Site Directed Recombination
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: CA
COUNTRY: US
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/643,886
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Rowland, Bertram I
REGISTRATION NUMBER: 20015
REFERENCE/DOCKET NUMBER: A-63252/BIR
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
TELEFAX: 415-398-3249
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "sequence"
US-08-643-886-15

Query Match 30.0%; Score 3; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 YYY 10
Db 12 YYY 10

RESULT 159
PCT-US95-05265-33
Sequence 33, Application PC/TUS9505265
GENERAL INFORMATION:
APPLICANT: TULARIK, INC.
TITLE OF INVENTION: TRANSCRIPTION FACTOR-DNA BINDING ASSAY
NUMBER OF SEQUENCES: 74
CORRESPONDENCE ADDRESS:
ADDRESSEE: FLEHR, HOBBACH, TEST, ALBRITTON & HERBERT
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/05265
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/235,503
FILING DATE: 29-APR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Osman, Richard A
REGISTRATION NUMBER: 36,627
REFERENCE/DOCKET NUMBER: FP-S9232-PC/RAO
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
PCT-US95-05265-33

Query Match 30.0%; Score 3; DB 5; Length 13;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 YYY 10
Db 11 YYY 13

RESULT 160
PCT-US95-05265-33/c
Sequence 33, Application PC/TUS9505265
GENERAL INFORMATION:
APPLICANT: TULARIK, INC.
TITLE OF INVENTION: TRANSCRIPTION FACTOR-DNA BINDING ASSAY
NUMBER OF SEQUENCES: 74
CORRESPONDENCE ADDRESS:
ADDRESSEE: FLEHR, HOBBACH, TEST, ALBRITTON & HERBERT
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/05265

```
;
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/235,503
; FILING DATE: 29-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Oeman, Richard A
; REGISTRATION NUMBER: 36,627
; REFERENCE/DOCKET NUMBER: FP-59232-PC/RAO
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; TELEX: 910 277299
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; PCT-US95-05265-33

Query Match 30.0%; Score 3; DB 5; Length 13;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
Db 13 RRR 11

RESULT 161
US-07-882-838E-32
; Sequence 32, Application US/07882838E
; Patent No. 5616461
; GENERAL INFORMATION:
; APPLICANT: Priscilla A. Schaffer
; APPLICANT: Christine E. Dabrowski Amaral
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF VIRUS INFECTIONS
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn
; STREET: One Liberty Place
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM PS/2 Model 502 or 55SX
; OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
; SOFTWARE: Wordperfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/882,838E
; FILING DATE: May 14, 1992
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER:
; APLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Kathryn Leary
; REGISTRATION NUMBER: 36,317
; REFERENCE/DOCKET NUMBER: DFCI-0001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; TELEX:
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-882-838E-32

Query Match 30.0%; Score 3; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GYI 9
Db 10 GYI 8

RESULT 163
US-08-643-886-4
; Sequence 4, Application US/08643886
; Patent No. 5695977
; GENERAL INFORMATION:
; APPLICANT: JURKA, Jerzy W.
; TITLE OF INVENTION: Site Directed Recombination
```

```
;
; TOPOLOGY: linear
; US-07-882-838E-32

Query Match 30.0%; Score 3; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 RRC 4
Db 8 RRC 10

RESULT 162
US-07-882-838E-32/c
; Sequence 32, Application US/07882838E
; Patent No. 5616461
; GENERAL INFORMATION:
; APPLICANT: Priscilla A. Schaffer
; APPLICANT: Christine E. Dabrowski Amaral
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF VIRUS INFECTIONS
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn
; STREET: One Liberty Place
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM PS/2 Model 502 or 55SX
; OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
; SOFTWARE: Wordperfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/882,838E
; FILING DATE: May 14, 1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Kathryn Leary
; REGISTRATION NUMBER: 36,317
; REFERENCE/DOCKET NUMBER: DFCI-0001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; TELEX:
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-882-838E-32

Query Match 30.0%; Score 3; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GYI 9
Db 10 GYI 8

RESULT 163
US-08-643-886-4
; Sequence 4, Application US/08643886
; Patent No. 5695977
; GENERAL INFORMATION:
; APPLICANT: JURKA, Jerzy W.
; TITLE OF INVENTION: Site Directed Recombination
```

NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hohbach, Test, Albritton & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: CA
COUNTRY: US
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/643,886
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Rowland, Bertram I
REGISTRATION NUMBER: 20015
REFERENCE/DOCKET NUMBER: A-63252/BIR
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
TELEFAX: 415-398-3249
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "sequence"
US-08-643-886-4

Query Match 30.0%; Score 3; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0;

Qy 8 YYY 10
Db 11 YYY 13

RESULT 164
US-08-643-886-4/c
Sequence 4, Application US/08643886
Patent No. 5695977
GENERAL INFORMATION:
APPLICANT: JURKA, Jerzy W.
TITLE OF INVENTION: Site Directed Recombination
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hohbach, Test, Albritton & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: CA
COUNTRY: US
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/643,886
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Rowland, Bertram I
REGISTRATION NUMBER: 20015
REFERENCE/DOCKET NUMBER: A-63252/BIR
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989

TELEFAX: 415-398-3249
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "sequence"
US-08-643-886-4

Query Match 30.0%; Score 3; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0;

Qy 1 RRR 3
Db 13 RRR 11

RESULT 165
US-08-643-886-16
Sequence 16, Application US/08643886
Patent No. 5695977
GENERAL INFORMATION:
APPLICANT: JURKA, Jerzy W.
TITLE OF INVENTION: Site Directed Recombination
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hohbach, Test, Albritton & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: CA
COUNTRY: US
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/643,886
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Rowland, Bertram I
REGISTRATION NUMBER: 20015
REFERENCE/DOCKET NUMBER: A-63252/BIR
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
TELEFAX: 415-398-3249
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "sequence"
US-08-643-886-16

Query Match 30.0%; Score 3; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0;

Qy 1 RRR 3
Db 11 RRR 13

RESULT 166
US-08-643-886-16/c
Sequence 16, Application US/08643886

; Patent No. 5695977
; GENERAL INFORMATION:
; APPLICANT: JURKA, Jerry W.
; TITLE OF INVENTION: Site Directed Recombination
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: CA
; COUNTRY: US
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/643,886
; FILING DATE: May 21, 1996
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I
; REGISTRATION NUMBER: 20015
; REFERENCE/DOCKET NUMBER: A-63252/BIR
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other = "sequence"
; DESCRIPTION: /desc = "sequence"
US-08-643-886-16

Query Match 30.0%; Score 3; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
|||
Db 13 YYY 11

RESULT 167
US-08-646-789A-38
; Sequence 38, Application US/08646789A
; Patent No. 6022863
; GENERAL INFORMATION:
; APPLICANT: Peyman, John A.
; TITLE OF INVENTION: REGULATION OF GENE EXPRESSION
; NUMBER OF SEQUENCES: 101
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/646,789A
; FILING DATE: May 21, 1996
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Mirock, S. Leslie
; REGISTRATION NUMBER: 18,972
; REFERENCE/DOCKET NUMBER: 6523-006
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-646-789A-38

Query Match 30.0%; Score 3; DB 3; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
|||
Db 14 RRR 12

; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6523-006
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-646-789A-38

Query Match 30.0%; Score 3; DB 3; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
|||
Db 11 YYY 13

RESULT 168
US-08-646-789A-38/c
; Sequence 38, Application US/08646789A
; Patent No. 6022863
; GENERAL INFORMATION:
; APPLICANT: Peyman, John A.
; TITLE OF INVENTION: REGULATION OF GENE EXPRESSION
; NUMBER OF SEQUENCES: 101
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/646,789A
; FILING DATE: May 21, 1996
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Mirock, S. Leslie
; REGISTRATION NUMBER: 18,972
; REFERENCE/DOCKET NUMBER: 6523-006
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-646-789A-38

Query Match 30.0%; Score 3; DB 3; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
|||
Db 14 RRR 12

RESULT 169
US-08-646-789A-39
; Sequence 39, Application US/08646789A
; Patent No. 6022863
; GENERAL INFORMATION:
; APPLICANT: Peyman, John A.
; TITLE OF INVENTION: REGULATION OF GENE EXPRESSION
; NUMBER OF SEQUENCES: 101
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/646,789A
; FILING DATE: May 21, 1996
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Mistrock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6523-006
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-646-789A-39
Query Match 30.0%; Score 3; DB 3; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 RRR 3
Db 1 RRR 3
RESULT 170
US-08-646-789A-39/c
; Sequence 39, Application US/08646789A
; Patent No. 6022863
; GENERAL INFORMATION:
; APPLICANT: Peyman, John A.
; TITLE OF INVENTION: REGULATION OF GENE EXPRESSION
; NUMBER OF SEQUENCES: 101
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/646,789A

; FILING DATE: May 21, 1996
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Mistrock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6523-006
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-646-789A-39
Query Match 30.0%; Score 3; DB 3; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 8 YYY 10
Db 4 YYY 2
RESULT 171
US-08-646-301A-8
; Sequence 8, Application US/08646301A
; Patent No. 6194211
; GENERAL INFORMATION:
; APPLICANT: Richards, Cynthia Ann
; APPLICANT: Huber, Brian E.
; TITLE OF INVENTION: Transcriptional Regulatory Sequence of Carcinoembryonic
; Patent No. 6194211
; TITLE OF INVENTION: Antigen for Expression Targeting
; FILE REFERENCE: PB1508USW
; CURRENT APPLICATION NUMBER: US/08/646,301A
; CURRENT FILING DATE: 1996-05-16
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: consensus
; OTHER INFORMATION: sequence A4alt from DNA Sequence 1:3-11 (1990).
; Patent No. 6194211
US-08-646-301A-8
Query Match 30.0%; Score 3; DB 3; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 RRR 3
Db 1 RRR 3
RESULT 172
US-08-646-301A-8/c
; Sequence 8, Application US/08646301A
; Patent No. 6194211
; GENERAL INFORMATION:
; APPLICANT: Richards, Cynthia Ann
; APPLICANT: Huber, Brian E.
; TITLE OF INVENTION: Transcriptional Regulatory Sequence of Carcinoembryonic
; Patent No. 6194211
; TITLE OF INVENTION: Antigen for Expression Targeting
; FILE REFERENCE: PB1508USW

; CURRENT APPLICATION NUMBER: US/08/646,301A
; CURRENT FILING DATE: 1996-05-16
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: consensus
; OTHER INFORMATION: sequence A4alt from DNA Sequence 1:3-11 (1990).
US-08-646-301A-8

Query Match 30.0%; Score 3; DB 3; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
|||
DB 3 YYY 1

RESULT 173

US-09-305-639-7
; Sequence 7, Application US/09305639-
; Patent No. 6200778

; GENERAL INFORMATION:
; APPLICANT: Treco, Douglas A.
; APPLICANT: Treco, Douglas W.
; APPLICANT: Selden, Richard F.
; TITLE OF INVENTION: GENOMIC SEQUENCES FOR PROTEIN PRODUCTION AND DELIVERY
; FILE REFERENCE: 07236/016001
; CURRENT APPLICATION NUMBER: US/09/305,639
; CURRENT FILING DATE: 1999-05-05
; EARLIER APPLICATION NUMBER: 60/084,663
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(14)
; OTHER INFORMATION: n = A,T,C or G
US-09-305-639-7

Query Match 30.0%; Score 3; DB 3; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
|||
DB 1 YYY 3

RESULT 174

US-09-305-639-7/c
; Sequence 7, Application US/09305639
; Patent No. 6200778

; GENERAL INFORMATION:
; APPLICANT: Treco, Douglas A.
; APPLICANT: Treco, Douglas W.
; APPLICANT: Selden, Richard F.
; TITLE OF INVENTION: GENOMIC SEQUENCES FOR PROTEIN PRODUCTION AND DELIVERY
; FILE REFERENCE: 07236/016001
; CURRENT APPLICATION NUMBER: US/09/305,639
; CURRENT FILING DATE: 1999-05-05
; EARLIER APPLICATION NUMBER: 60/084,663
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 7

; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(14)
; OTHER INFORMATION: n = A,T,C or G
US-09-305-639-7

Query Match 30.0%; Score 3; DB 3; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
|||
DB 10 RRR 8

RESULT 175

US-09-305-384-8
; Sequence 8, Application US/09305384
; Patent No. 6242218

; GENERAL INFORMATION:
; APPLICANT: Treco, Douglas A.
; APPLICANT: Heartlein, Michael W.
; APPLICANT: Selden, Richard F.
; TITLE OF INVENTION: GENOMIC SEQUENCES FOR PROTEIN PRODUCTION AND DELIVERY
; FILE REFERENCE: 07236/017001
; CURRENT APPLICATION NUMBER: US/09/305,384
; CURRENT FILING DATE: 1999-05-05
; EARLIER APPLICATION NUMBER: US 60/084,649
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 8
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(14)
; OTHER INFORMATION: n = A,T,C or G
US-09-305-384-8

Query Match 30.0%; Score 3; DB 3; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
|||
DB 1 YYY 3

RESULT 176

US-09-305-384-8/c
; Sequence 8, Application US/09305384
; Patent No. 6242218

; GENERAL INFORMATION:
; APPLICANT: Treco, Douglas A.
; APPLICANT: Heartlein, Michael W.
; APPLICANT: Selden, Richard F.
; TITLE OF INVENTION: GENOMIC SEQUENCES FOR PROTEIN PRODUCTION AND DELIVERY
; FILE REFERENCE: 07236/017001
; CURRENT APPLICATION NUMBER: US/09/305,384
; CURRENT FILING DATE: 1999-05-05
; EARLIER APPLICATION NUMBER: US 60/084,649
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 8
; LENGTH: 14

TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(14)
OTHER INFORMATION: n = A,T,C or G
US-09-305-384-8

Query Match 30.0%; Score 3; DB 3; Length 14;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
Db 10 RRR 8

RESULT 177

US-09-318-138-22
Sequence 22, Application US/09318138
Patent No. 6531123
GENERAL INFORMATION:
APPLICANT: CHANG, Lung-Ji
TITLE OF INVENTION: LENTIVIRAL VECTORS
NUMBER OF SEQUENCES: 62
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK, P.L.L.C.
STREET: 624 Ninth Street, N.W., Suite 300
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20001
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/318,138
FILING DATE: 25-May-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/086,635
FILING DATE: 26-MAY-1998
APPLICATION NUMBER: US 08/935,312
FILING DATE: 22-SEP-1997
ATTORNEY/AGENT INFORMATION:
NAME: COOPER, Iver P.
REGISTRATION NUMBER: 28,005
REFERENCE/DOCKET NUMBER: CHANG=109A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 22:

US-09-318-138-22
Query Match 30.0%; Score 3; DB 4; Length 14;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 YYY 10
Db 1 YYY 3

RESULT 178

US-09-318-138-22/c
Sequence 22, Application US/09318138
Patent No. 6531123
GENERAL INFORMATION:
APPLICANT: CHANG, Lung-Ji
TITLE OF INVENTION: LENTIVIRAL VECTORS
NUMBER OF SEQUENCES: 62
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK, P.L.L.C.
STREET: 624 Ninth Street, N.W., Suite 300
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20001
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/318,138
FILING DATE: 25-May-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/086,635
FILING DATE: 26-MAY-1998
APPLICATION NUMBER: US 08/935,312
FILING DATE: 22-SEP-1997
ATTORNEY/AGENT INFORMATION:
NAME: COOPER, Iver P.
REGISTRATION NUMBER: 28,005
REFERENCE/DOCKET NUMBER: CHANG=109A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 22:
US-09-318-138-22
Query Match 30.0%; Score 3; DB 4; Length 14;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
Db 10 RRR 8

RESULT 179
US-09-525-160B-10
Sequence 10, Application US/09525160B
Patent No. 6569681
GENERAL INFORMATION:
APPLICANT: Ivanov, Evgenii
TITLE OF INVENTION: METHODS OF IMPROVING HOMOLOGOUS RECOMBINATION
FILE REFERENCE: 10278/016001
CURRENT APPLICATION NUMBER: US/09/525,160B
CURRENT FILING DATE: 2000-03-14
NUMBER OF SEQ ID NOS: 10
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 10
LENGTH: 14
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetically generated oligonucleotide
FEATURE:

```
; NAME/KEY: misc_feature
; LOCATION: 11
; OTHER INFORMATION: n =a, g, c or t
US-09-525-160B-10

Query Match      30.0%; Score 3; DB 4; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 YYY 10
   |||
Db 1 YYY 3

RESULT 180
US-09-525-160B-10/c
; Sequence 10, Application US/09525160B
; Patent No. 6569681
; GENERAL INFORMATION:
; APPLICANT: Ivanov, Evgenii
; TITLE OF INVENTION: METHODS OF IMPROVING HOMOLOGOUS RECOMBINATION
; FILE REFERENCE: 10278/016001
; CURRENT APPLICATION NUMBER: US/09/525,160B
; CURRENT FILING DATE: 2000-03-14
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetically generated oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: 11
; OTHER INFORMATION: n =a, g, c or t
US-09-525-160B-10

Query Match      30.0%; Score 3; DB 4; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
   |||
Db 10 RRR 8

RESULT 181
PCT-US94-06456-4
; Sequence 4, Application PC/TUS9406456
; GENERAL INFORMATION:
; APPLICANT: Beutel, Bruce A.
; APPLICANT: Coppola, George R.
; APPLICANT: Sherman, Michael I.
; TITLE OF INVENTION: Oligonucleotides Which Inhibit HIV Protease Function
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein
; STREET: 6 Becker Farm Road
; CITY: Roseland
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC - DOS
; SOFTWARE: DW4.V2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/06456
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/073,873
; FILING DATE: 09-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Olstein, Elliott M.
; REGISTRATION NUMBER: 24,025
; REFERENCE/DOCKET NUMBER: 23550-89
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
; FEATURE:
; OTHER INFORMATION: R is a modified or unmodified purine
PCT-US94-06456-4

Query Match      30.0%; Score 3; DB 5; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
   |||
Db 12 RRR 14

RESULT 182
PCT-US94-06456-4/c
; Sequence 4, Application PC/TUS9406456
; GENERAL INFORMATION:
; APPLICANT: Beutel, Bruce A.
; APPLICANT: Coppola, George R.
; APPLICANT: Sherman, Michael I.
; TITLE OF INVENTION: Oligonucleotides Which Inhibit HIV Protease Function
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein
; STREET: 6 Becker Farm Road
; CITY: Roseland
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC - DOS
; SOFTWARE: DW4.V2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/06456
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/073,873
; FILING DATE: 09-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Olstein, Elliott M.
; REGISTRATION NUMBER: 24,025
; REFERENCE/DOCKET NUMBER: 23550-89
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
; FEATURE:
; OTHER INFORMATION: R is a modified or unmodified purine
PCT-US94-06456-4
```

```
PCT-US94-06456-4
Query Match          30.0%; Score 3; DB 5; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      8 YYY 10
Db      14 YYY 12

RESULT 183
PCT-US94-06456-33
Sequence 33, Application PC/TUS9406456
GENERAL INFORMATION:
APPLICANT: Beutel, Bruce A.
APPLICANT: Coppola, George R.
APPLICANT: Sherman, Michael I.
TITLE OF INVENTION: Oligonucleotides Which Inhibit HIV Protease Function
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSEE: Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein
STREET: 6 Becker Farm Road
CITY: Roseland
STATE: New Jersey
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC - DOS
SOFTWARE: DW4.V2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/06456
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/073,873
FILING DATE: 09-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Olstein, Elliott M.
REGISTRATION NUMBER: 24,025
REFERENCE/DOCKET NUMBER: 23550-89
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: oligonucleotide
FEATURE:
OTHER INFORMATION: R is a modified or unmodified purine.
PCT-US94-06456-33

Query Match          30.0%; Score 3; DB 5; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      8 YYY 10
Db      14 YYY 12

RESULT 185
US-08-643-886-5
Sequence 5, Application US/08643886
Patent No. 5695977
GENERAL INFORMATION:
APPLICANT: JURKA, Jerzy W.
TITLE OF INVENTION: Site Directed Recombination
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hohbach, Test, Albritton & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: CA
COUNTRY: US
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/643,886
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
```

NAME: Rowland, Bertram I
REGISTRATION NUMBER: 20015
REFERENCE/DOCKET NUMBER: A-63252/BIR
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
TELEFAX: 415-398-3249
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "sequence"

US-08-643-886-5

Query Match 30.0%; Score 3; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
|||
Db 12 YYY 14

RESULT 186
US-08-643-886-5/c
Sequence 5, Application US/08643886
Patent No. 5695977
GENERAL INFORMATION:
APPLICANT: JURKA, Jerzy W.
TITLE OF INVENTION: Site Directed Recombination
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: CA
COUNTRY: US
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/643,886
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Rowland, Bertram I
REGISTRATION NUMBER: 20015
REFERENCE/DOCKET NUMBER: A-63252/BIR
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
TELEFAX: 415-398-3249
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "sequence"

US-08-643-886-5

Query Match 30.0%; Score 3; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
|||
Db 14 RRR 12

RESULT 187
US-08-643-886-17
Sequence 17, Application US/08643886
Patent No. 5695977
GENERAL INFORMATION:
APPLICANT: JURKA, Jerzy W.
TITLE OF INVENTION: Site Directed Recombination
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: CA
COUNTRY: US
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/643,886
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Rowland, Bertram I
REGISTRATION NUMBER: 20015
REFERENCE/DOCKET NUMBER: A-63252/BIR
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
TELEFAX: 415-398-3249
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "sequence"

US-08-643-886-17

Query Match 30.0%; Score 3; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
|||
Db 12 RRR 14

RESULT 188
US-08-643-886-17/c
Sequence 17, Application US/08643886
Patent No. 5695977
GENERAL INFORMATION:
APPLICANT: JURKA, Jerzy W.
TITLE OF INVENTION: Site Directed Recombination
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: CA
COUNTRY: US
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/643,886
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Rowland, Bertram I
REGISTRATION NUMBER: 20015
REFERENCE/DOCKET NUMBER: A-63252/BIR
TELEPHONE: 415-781-1989
TELEFAX: 415-398-3249
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "sequence"
US-08-643-886-17

Query Match 30.0%; Score 3; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 YYY 10
Db 14 YYY 12

RESULT 189
US-08-737-371A-8
Sequence 8, Application US/08737371A
Patent No. 5959094
GENERAL INFORMATION:
APPLICANT: David WALLACH
APPLICANT: Peter KUHNERT
APPLICANT: Gotz EHRHARDT
APPLICANT: Oliver KEMPER
TITLE OF INVENTION: p75 TNF RECEPTOR PROMOTERS
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 300
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/737,371A
FILING DATE: 08-NOVEMBER-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/05853
FILING DATE: 11-MAY-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: IL 109,633
FILING DATE: 11-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: BROWDY, Roger L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: WALLACH=14
TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-737-371A-8

Query Match 30.0%; Score 3; DB 2; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 YYY 10
Db 1 YYY 3

RESULT 190
US-08-737-371A-8/c
Sequence 8, Application US/08737371A
Patent No. 5959094
GENERAL INFORMATION:
APPLICANT: David WALLACH
APPLICANT: Peter KUHNERT
APPLICANT: Gotz EHRHARDT
APPLICANT: Oliver KEMPER
TITLE OF INVENTION: p75 TNF RECEPTOR PROMOTERS
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 300
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/737,371A
FILING DATE: 08-NOVEMBER-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/05853
FILING DATE: 11-MAY-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: IL 109,633
FILING DATE: 11-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: BROWDY, Roger L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: WALLACH=14
TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-737-371A-8

Query Match 30.0%; Score 3; DB 2; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
Db 11 RRR 9

RESULT 191
US-08-256-004-4
Sequence 4, Application US/08256004

; Patent No. 6001644
; GENERAL INFORMATION:
; APPLICANT: Robert J. Debs
; APPLICANT: Ning Zhu
; TITLE OF INVENTION: IN VIVO TRANSFECTION WITH A CFTR CODING
; TITLE OF INVENTION: SEQUENCE
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward Castro Huddleson & Tatum
; STREET: 5 Palo Alto Square
; CITY: Palo Alto
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 94306-2155
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/256,004
; FILING DATE: August 22, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US92/11004
; FILING DATE: December 17, 1992
; APPLICATION NUMBER: 07/972,135
; FILING DATE: No. 6001644ember 5, 1992
; APPLICATION NUMBER: 07/927,200
; FILING DATE: August 6, 1992
; APPLICATION NUMBER: 07/894,498
; FILING DATE: June 4, 1992
; APPLICATION NUMBER: 07/809,291
; FILING DATE: December 17, 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Neeley, Richard L.
; REGISTRATION NUMBER: 30,092
; REFERENCE/DOCKET NUMBER: UCSF-008/00US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 843-5070
; TELEFAX: (415) 857-0663
; TELEX: 380816COOLEYPA
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-256-004-4

Query Match 30.0%; Score 3; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YY 10
Db 1 YY 3

RESULT 192
US-08-256-004-4/c
; Sequence 4, Application US/08256004
; Patent No. 6001644
; GENERAL INFORMATION:
; APPLICANT: Robert J. Debs
; APPLICANT: Ning Zhu
; TITLE OF INVENTION: IN VIVO TRANSFECTION WITH A CFTR CODING
; TITLE OF INVENTION: SEQUENCE
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward Castro Huddleson & Tatum
; STREET: 5 Palo Alto Square
; CITY: Palo Alto

; STATE: California
; COUNTRY: U.S.A.
; ZIP: 94306-2155
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/256,004
; FILING DATE: August 22, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US92/11004
; FILING DATE: December 17, 1992
; APPLICATION NUMBER: 07/972,135
; FILING DATE: No. 6001644ember 5, 1992
; APPLICATION NUMBER: 07/927,200
; FILING DATE: August 6, 1992
; APPLICATION NUMBER: 07/894,498
; FILING DATE: June 4, 1992
; APPLICATION NUMBER: 07/809,291
; FILING DATE: December 17, 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Neeley, Richard L.
; REGISTRATION NUMBER: 30,092
; REFERENCE/DOCKET NUMBER: UCSF-008/00US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 843-5070
; TELEFAX: (415) 857-0663
; TELEX: 380816COOLEYPA
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-256-004-4

Query Match 30.0%; Score 3; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
Db 11 RRR 9

RESULT 193
US-09-461-686-3
; Sequence 3, Application US/09461686
; Patent No. 6620795
; GENERAL INFORMATION:
; APPLICANT: Debs, Robert J.
; APPLICANT: Zhu, Ning
; TITLE OF INVENTION: A Mammalian Transformation Complex
; Comprising a Lipid Carrier and DNA Encoding CFTR
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/461,686
; FILING DATE: 14-Dec-1999

```
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/256,004
; FILING DATE: 22-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Mycroft, Frank J.
; REGISTRATION NUMBER: 46,946
; REFERENCE/DOCKET NUMBER: 023070-064710US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-461-686-3
Query Match 30.0%; Score 3; DB 4; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 8 YYY 10
Db 1 YYY 3
RESULT 194
US-09-461-686-3/c
; Sequence 3, Application US/09461686
; Patent No. 6820795
; GENERAL INFORMATION:
; APPLICANT: Debs, Robert J.
; TITLE OF INVENTION: A Mammalian Transformation Complex
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/461,686
; FILING DATE: 14-Dec-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/256,004
; FILING DATE: 22-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Mycroft, Frank J.
; REGISTRATION NUMBER: 46,946
; REFERENCE/DOCKET NUMBER: 023070-064710US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
```

```
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-461-686-3
Query Match 30.0%; Score 3; DB 4; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 RRR 3
Db 10 RRR 8
RESULT 195
US-09-586-216C-5
; Sequence 5, Application US/09586216C
; Patent No. 6696272
; GENERAL INFORMATION:
; APPLICANT: MAHURAN, Don J.
; APPLICANT: CLARKE, Joe T.R.
; APPLICANT: CALLAHAN, John W.
; TITLE OF INVENTION: PRODUCTS AND METHODS FOR GAUCHER DISEASE THERAPY
; FILE REFERENCE: 24,131 USA
; CURRENT APPLICATION NUMBER: US/09/586,216C
; CURRENT FILING DATE: 2000-06-02
; PRIOR APPLICATION NUMBER: 60/137,598
; PRIOR FILING DATE: 1999-06-03
; PRIOR APPLICATION NUMBER: 2,272,055
; PRIOR FILING DATE: 1999-06-02
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc difference
; LOCATION: Y=1-10; n=11
; OTHER INFORMATION: Y=c or u; n=any nucleotide
US-09-586-216C-5
Query Match 30.0%; Score 3; DB 4; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 8 YYY 10
Db 1 YYY 3
RESULT 196
US-09-586-216C-5/c
; Sequence 5, Application US/09586216C
; Patent No. 6696272
; GENERAL INFORMATION:
; APPLICANT: MAHURAN, Don J.
; APPLICANT: CLARKE, Joe T.R.
; APPLICANT: CALLAHAN, John W.
; TITLE OF INVENTION: PRODUCTS AND METHODS FOR GAUCHER DISEASE THERAPY
; FILE REFERENCE: 24,131 USA
; CURRENT APPLICATION NUMBER: US/09/586,216C
; CURRENT FILING DATE: 2000-06-02
; PRIOR APPLICATION NUMBER: 60/137,598
; PRIOR FILING DATE: 1999-06-03
; PRIOR APPLICATION NUMBER: 2,272,055
; PRIOR FILING DATE: 1999-06-02
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_difference
```


;
; LOCATION: Y=1-10; n=11
; OTHER INFORMATION: Y=c or u; n=any nucleotide
US-09-586-216C-5

Query Match 30.0%; Score 3; DB 4; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
Db 10 RRR 8

RESULT 197

PCT-US95-05853-8
; Sequence 8, Application PC/TUS9505853
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: p75 TNF RECEPTOR PROMOTERS
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK
; STREET: 419 Seventh Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/05853
; FILING DATE: 11-MAY-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: IL 109,633
; FILING DATE: 11-MAY-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: BROWDY, Roger L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: WALLACH=14 PCT
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; TELEX: 248633
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
PCT-US95-05853-8

Query Match 30.0%; Score 3; DB 5; Length 15;

Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 YYY 10
Db 1 YYY 3

RESULT 198

PCT-US95-05853-8/c
; Sequence 8, Application PC/TUS9505853
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: p75 TNF RECEPTOR PROMOTERS
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK

; STREET: 419 Seventh Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/05853
; FILING DATE: 11-MAY-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: IL 109,633
; FILING DATE: 11-MAY-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: BROWDY, Roger L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: WALLACH=14 PCT
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; TELEX: 248633
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
PCT-US95-05853-8

Query Match 30.0%; Score 3; DB 5; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
Db 11 RRR 9

RESULT 199

US-08-486-421-32
; Sequence 32, Application US/08486421
; Patent No. 5672479
; GENERAL INFORMATION:
; APPLICANT: Johnson, Edward M.
; APPLICANT: Bergemann, Andrew D.
; TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/486,421
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/470,911
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742

Query Match 30.0%; Score 3; DB 5; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 YYY 10
Db 1 YYY 3

REFERENCE/DOCKET NUMBER: 6923-053
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
US-08-486-421-32

Query Match 30.0%; Score 3; DB 1; Length 16;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
Db 13 RRR 15

RESULT 200
US-08-486-421-32/c
Sequence 32, Application US/08486421
Patent No. 5672479
GENERAL INFORMATION:
APPLICANT: Johnson, Edward M.
APPLICANT: Bergemann, Andrew D.
TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/486,421
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/470,911
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6923-053
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
US-08-486-421-32

Query Match 30.0%; Score 3; DB 1; Length 16;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 YYY 10

Db 16 YYY 14
Search completed: July 1, 2005, 16:57:04
Job time : 111 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: July 1, 2005, 16:49:59 ; Search time 299 Seconds
(without alignments)
209.772 Million cell updates/sec

Title: US-09-813-824B-3

Perfect score: 10

Sequence: 1 rrrcwggyy 10

Scoring table: OLIGO NUC

Gapop 60.0 , Gapext 60.0

Searched: 6313374 seqs, 3136092125 residues

Word size : 0

Total number of hits satisfying chosen parameters: 6779784

Minimum DB seq length: 0

Maximum DB seq length: 100

Post-processing: Listing first 1000 summaries

Database : Published Applications NA:*

1:	/cgn2_6/ptodata/1/pubpna/US07_PUBCOMB.seq.*
2:	/cgn2_6/ptodata/1/pubpna/PTC_NEW_PUB.seq.*
3:	/cgn2_6/ptodata/1/pubpna/US06_NEW_PUB.seq.*
4:	/cgn2_6/ptodata/1/pubpna/US06_PUBCOMB.seq.*
5:	/cgn2_6/ptodata/1/pubpna/US07_NEW_PUB.seq.*
6:	/cgn2_6/ptodata/1/pubpna/PTCUS_PUBCOMB.seq.*
7:	/cgn2_6/ptodata/1/pubpna/US08_NEW_PUB.seq.*
8:	/cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq.*
9:	/cgn2_6/ptodata/1/pubpna/US09A_PUBCOMB.seq.*
10:	/cgn2_6/ptodata/1/pubpna/US09C_PUBCOMB.seq.*
11:	/cgn2_6/ptodata/1/pubpna/US09B_PUBCOMB.seq.*
12:	/cgn2_6/ptodata/1/pubpna/US09_NEW_PUB.seq.*
13:	/cgn2_6/ptodata/1/pubpna/US10A_PUBCOMB.seq.*
14:	/cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq.*
15:	/cgn2_6/ptodata/1/pubpna/US10C_PUBCOMB.seq.*
16:	/cgn2_6/ptodata/1/pubpna/US10D_PUBCOMB.seq.*
17:	/cgn2_6/ptodata/1/pubpna/US10E_PUBCOMB.seq.*
18:	/cgn2_6/ptodata/1/pubpna/US10F_PUBCOMB.seq.*
19:	/cgn2_6/ptodata/1/pubpna/US10G_PUBCOMB.seq.*
20:	/cgn2_6/ptodata/1/pubpna/US10H_PUBCOMB.seq.*
21:	/cgn2_6/ptodata/1/pubpna/US10I_PUBCOMB.seq.*
22:	/cgn2_6/ptodata/1/pubpna/US10_NEW_PUB.seq.*
23:	/cgn2_6/ptodata/1/pubpna/US11A_PUBCOMB.seq.*
24:	/cgn2_6/ptodata/1/pubpna/US11_NEW_PUB.seq.*
25:	/cgn2_6/ptodata/1/pubpna/US60_NEW_PUB.seq.*
26:	/cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	10	100.0	10	9	US-09-813-824A-3
2	10	100.0	10	9	US-09-813-824A-3
3	10	100.0	10	10	US-09-928-385B-24
4	10	100.0	10	10	US-09-928-385B-24
5	10	100.0	10	10	US-09-798-883B-57
6	10	100.0	10	10	US-09-798-883B-57
7	10	100.0	10	10	US-09-326-885-57

Sequence 57, Appli	10	100.0	10	10	US-09-326-885-57
Sequence 5, Appli	10	100.0	10	19	US-10-464-996-5
Sequence 5, Appli	10	100.0	10	19	US-10-464-996-5
Sequence 21, Appli	10	100.0	10	20	US-10-795-933-21
Sequence 21, Appli	10	100.0	10	20	US-10-795-933-21
Sequence 26, Appli	19	100.0	19	18	US-10-450-436-26
Sequence 26, Appli	19	100.0	19	18	US-10-450-436-26
Sequence 6, Appli	20	100.0	20	9	US-09-939-581A-6
Sequence 6, Appli	20	100.0	20	9	US-09-939-581A-6
Sequence 92, Appli	20	100.0	20	9	US-09-816-763-92
Sequence 92, Appli	20	100.0	20	9	US-09-816-763-92
Sequence 92, Appli	20	100.0	20	19	US-10-821-568-92
Sequence 92, Appli	20	100.0	20	19	US-10-821-568-92
Sequence 133, Appli	21	100.0	21	9	US-09-816-763-133
Sequence 133, Appli	21	100.0	21	9	US-09-816-763-133
Sequence 133, Appli	21	100.0	21	19	US-10-821-568-133
Sequence 133, Appli	21	100.0	21	19	US-10-821-568-133
Sequence 134, Appli	22	100.0	22	9	US-09-816-763-134
Sequence 134, Appli	22	100.0	22	9	US-09-816-763-134
Sequence 134, Appli	22	100.0	22	19	US-10-821-568-134
Sequence 134, Appli	22	100.0	22	19	US-10-821-568-134
Sequence 135, Appli	23	100.0	23	9	US-09-816-763-135
Sequence 135, Appli	23	100.0	23	9	US-09-816-763-135
Sequence 135, Appli	23	100.0	23	19	US-10-821-568-135
Sequence 135, Appli	23	100.0	23	19	US-10-821-568-135
Sequence 136, Appli	24	100.0	24	9	US-09-816-763-136
Sequence 136, Appli	24	100.0	24	9	US-09-816-763-136
Sequence 136, Appli	24	100.0	24	19	US-10-821-568-136
Sequence 136, Appli	24	100.0	24	19	US-10-821-568-136
Sequence 137, Appli	25	100.0	25	9	US-09-816-763-137
Sequence 137, Appli	25	100.0	25	9	US-09-816-763-137
Sequence 137, Appli	25	100.0	25	19	US-10-821-568-137
Sequence 137, Appli	25	100.0	25	19	US-10-821-568-137
Sequence 138, Appli	26	100.0	26	9	US-09-816-763-138
Sequence 138, Appli	26	100.0	26	9	US-09-816-763-138
Sequence 138, Appli	26	100.0	26	19	US-10-821-568-138
Sequence 138, Appli	26	100.0	26	19	US-10-821-568-138
Sequence 139, Appli	27	100.0	27	9	US-09-816-763-139
Sequence 139, Appli	27	100.0	27	9	US-09-816-763-139
Sequence 139, Appli	27	100.0	27	19	US-10-821-568-139
Sequence 139, Appli	27	100.0	27	19	US-10-821-568-139
Sequence 140, Appli	28	100.0	28	9	US-09-816-763-140
Sequence 140, Appli	28	100.0	28	9	US-09-816-763-140
Sequence 140, Appli	28	100.0	28	19	US-10-821-568-140
Sequence 140, Appli	28	100.0	28	19	US-10-821-568-140
Sequence 141, Appli	29	100.0	29	9	US-09-816-763-141
Sequence 141, Appli	29	100.0	29	9	US-09-816-763-141
Sequence 141, Appli	29	100.0	29	19	US-10-821-568-141
Sequence 141, Appli	29	100.0	29	19	US-10-821-568-141
Sequence 142, Appli	30	100.0	30	9	US-09-816-763-142
Sequence 142, Appli	30	100.0	30	9	US-09-816-763-142
Sequence 142, Appli	30	100.0	30	19	US-10-821-568-142
Sequence 142, Appli	30	100.0	30	19	US-10-821-568-142
Sequence 143, Appli	31	100.0	31	9	US-09-816-763-143
Sequence 143, Appli	31	100.0	31	9	US-09-816-763-143
Sequence 143, Appli	31	100.0	31	19	US-10-821-568-143
Sequence 143, Appli	31	100.0	31	19	US-10-821-568-143
Sequence 144, Appli	32	100.0	32	9	US-09-816-763-144
Sequence 144, Appli	32	100.0	32	9	US-09-816-763-144
Sequence 144, Appli	32	100.0	32	19	US-10-821-568-144
Sequence 144, Appli	32	100.0	32	19	US-10-821-568-144
Sequence 145, Appli	33	100.0	33	19	US-10-821-568-145
Sequence 145, Appli	33	100.0	33	19	US-10-821-568-145
Sequence 145, Appli	34	100.0	34	9	US-09-816-763-145
Sequence 145, Appli	34	100.0	34	9	US-09-816-763-145
Sequence 5, Appli	19	40.0	19	13	US-10-017-178-5
Sequence 5, Appli	19	40.0	19	13	US-10-017-178-5
Sequence 212, Appli	19	40.0	19	19	US-10-636-065-212
Sequence 212, Appli	19	40.0	19	19	US-10-636-065-212
Sequence 50, Appli	21	40.0	21	18	US-10-407-897-50
Sequence 50, Appli	21	40.0	21	18	US-10-407-897-50
Sequence 16, Appli	25	40.0	25	14	US-10-225-519-16
Sequence 16, Appli	25	40.0	25	14	US-10-225-519-16

81	4	40.0	27	9	US-09-780-651-3	Sequence 3, Appli	c 154	3	30.0	13	9	US-09-816-763-67	Sequence 67, Appli
82	4	40.0	27	9	US-09-780-651-3	Sequence 3, Appli	c 155	3	30.0	13	18	US-10-602-837-15	Sequence 15, Appli
83	4	40.0	30	19	US-10-658-093-51	Sequence 51, Appli	c 156	3	30.0	13	18	US-10-602-837-15	Sequence 15, Appli
84	4	40.0	30	19	US-10-658-093-51	Sequence 51, Appli	c 157	3	30.0	13	19	US-10-821-568-67	Sequence 67, Appli
85	4	40.0	30	19	US-10-658-093-51	Sequence 52, Appli	c 158	3	30.0	13	19	US-10-821-568-67	Sequence 67, Appli
86	4	40.0	30	19	US-10-658-093-51	Sequence 52, Appli	c 159	3	30.0	14	9	US-09-802-807-7	Sequence 7, Appli
87	4	40.0	30	20	US-10-658-093-51	Sequence 51, Appli	c 160	3	30.0	14	9	US-09-802-807-7	Sequence 7, Appli
88	4	40.0	30	20	US-10-658-093-51	Sequence 51, Appli	c 161	3	30.0	14	10	US-09-845-020A-8	Sequence 8, Appli
89	4	40.0	30	20	US-10-658-093-51	Sequence 52, Appli	c 162	3	30.0	14	10	US-09-845-020A-8	Sequence 8, Appli
90	4	40.0	30	20	US-10-658-093-51	Sequence 52, Appli	c 163	3	30.0	14	17	US-10-345-115-1	Sequence 1, Appli
91	4	40.0	38	9	US-09-179-536B-320	Sequence 320, App	c 164	3	30.0	14	17	US-10-345-115-1	Sequence 1, Appli
92	4	40.0	38	9	US-09-179-536B-320	Sequence 320, App	c 165	3	30.0	14	17	US-10-277-612-1	Sequence 1, Appli
93	4	40.0	38	10	US-09-297-576A-320	Sequence 320, App	c 166	3	30.0	14	17	US-10-277-612-1	Sequence 1, Appli
94	4	40.0	38	10	US-09-297-576A-320	Sequence 320, App	c 167	3	30.0	14	20	US-10-333-892-6	Sequence 6, Appli
95	4	40.0	38	10	US-09-297-576A-320	Sequence 387, App	c 168	3	30.0	14	20	US-10-333-892-6	Sequence 6, Appli
96	4	40.0	50	21	US-10-669-162C-387	Sequence 387, App	c 169	3	30.0	14	20	US-10-342-923-1	Sequence 1, Appli
97	4	40.0	50	21	US-10-669-162C-387	Sequence 387, App	c 170	3	30.0	14	20	US-10-342-923-1	Sequence 1, Appli
98	3	30.0	4	19	US-10-293-252C-5	Sequence 5, Appli	c 171	3	30.0	14	20	US-10-342-948-1	Sequence 1, Appli
99	3	30.0	4	19	US-10-293-252C-5	Sequence 5, Appli	c 172	3	30.0	14	20	US-10-342-948-1	Sequence 1, Appli
100	3	30.0	4	19	US-10-340-861B-5	Sequence 5, Appli	c 173	3	30.0	14	20	US-10-342-761-1	Sequence 1, Appli
101	3	30.0	6	15	US-10-253-117-1	Sequence 1, Appli	c 174	3	30.0	14	20	US-10-342-761-1	Sequence 1, Appli
102	3	30.0	6	15	US-10-253-117-1	Sequence 1, Appli	c 175	3	30.0	15	17	US-10-418-182-183	Sequence 183, App
103	3	30.0	6	15	US-10-253-117-2	Sequence 2, Appli	c 176	3	30.0	15	17	US-10-418-182-183	Sequence 183, App
104	3	30.0	6	15	US-10-253-117-2	Sequence 2, Appli	c 177	3	30.0	15	17	US-10-418-182-219	Sequence 219, App
105	3	30.0	6	15	US-10-290-545-27	Sequence 27, Appli	c 178	3	30.0	15	17	US-10-418-182-219	Sequence 219, App
106	3	30.0	6	15	US-10-290-545-27	Sequence 27, Appli	c 179	3	30.0	15	17	US-10-418-182-313	Sequence 313, App
107	3	30.0	6	17	US-10-437-263-27	Sequence 27, Appli	c 180	3	30.0	15	17	US-10-418-182-313	Sequence 313, App
108	3	30.0	6	17	US-10-437-263-27	Sequence 27, Appli	c 181	3	30.0	15	17	US-10-418-182-421	Sequence 421, App
109	3	30.0	6	17	US-10-437-275-27	Sequence 27, Appli	c 182	3	30.0	15	17	US-10-418-182-421	Sequence 421, App
110	3	30.0	6	17	US-10-437-275-27	Sequence 27, Appli	c 183	3	30.0	15	18	US-10-706-466-5	Sequence 5, Appli
111	3	30.0	6	17	US-10-437-258-27	Sequence 27, Appli	c 184	3	30.0	15	18	US-10-706-466-5	Sequence 5, Appli
112	3	30.0	6	17	US-10-437-258-27	Sequence 27, Appli	c 185	3	30.0	15	21	US-10-833-951-6	Sequence 6, Appli
113	3	30.0	6	21	US-10-899-771-27	Sequence 27, Appli	c 186	3	30.0	16	9	US-09-754-014-11	Sequence 11, Appli
114	3	30.0	6	21	US-10-899-771-27	Sequence 27, Appli	c 187	3	30.0	16	9	US-09-754-014-11	Sequence 11, Appli
115	3	30.0	8	9	US-09-816-763-16	Sequence 16, Appli	c 188	3	30.0	16	9	US-09-836-866-7	Sequence 7, Appli
116	3	30.0	8	9	US-09-816-763-16	Sequence 16, Appli	c 189	3	30.0	16	9	US-09-836-866-7	Sequence 7, Appli
117	3	30.0	8	9	US-09-816-763-16	Sequence 16, Appli	c 190	3	30.0	17	9	US-09-892-867-5	Sequence 5, Appli
118	3	30.0	8	9	US-09-816-763-16	Sequence 32, Appli	c 191	3	30.0	17	9	US-09-892-867-5	Sequence 5, Appli
119	3	30.0	8	9	US-09-816-763-16	Sequence 32, Appli	c 192	3	30.0	17	9	US-09-903-770-5	Sequence 5, Appli
120	3	30.0	8	10	US-09-798-883B-56	Sequence 56, Appli	c 193	3	30.0	17	11	US-09-903-770-5	Sequence 5, Appli
121	3	30.0	8	10	US-09-798-883B-56	Sequence 56, Appli	c 194	3	30.0	17	11	US-09-876-813-10	Sequence 10, Appli
122	3	30.0	8	10	US-09-326-885-56	Sequence 56, Appli	c 195	3	30.0	17	11	US-09-876-813-10	Sequence 10, Appli
123	3	30.0	8	15	US-10-253-117-3	Sequence 3, Appli	c 196	3	30.0	17	13	US-10-043-142-1	Sequence 1, Appli
124	3	30.0	8	15	US-10-253-117-3	Sequence 3, Appli	c 197	3	30.0	17	13	US-10-043-142-1	Sequence 1, Appli
125	3	30.0	8	15	US-10-253-117-4	Sequence 4, Appli	c 198	3	30.0	17	13	US-10-139-583-10	Sequence 10, Appli
126	3	30.0	8	15	US-10-253-117-4	Sequence 4, Appli	c 199	3	30.0	17	13	US-10-139-583-10	Sequence 10, Appli
127	3	30.0	8	19	US-10-821-568-32	Sequence 32, Appli	c 200	3	30.0	17	13	US-10-338-237-16	Sequence 16, Appli
128	3	30.0	8	19	US-10-821-568-32	Sequence 32, Appli	c 201	3	30.0	17	13	US-10-338-237-16	Sequence 16, Appli
129	3	30.0	10	9	US-09-772-719-23	Sequence 23, Appli	c 202	3	30.0	17	13	US-10-302-554-29	Sequence 29, Appli
130	3	30.0	10	9	US-09-772-719-23	Sequence 23, Appli	c 203	3	30.0	17	13	US-10-302-554-29	Sequence 29, Appli
131	3	30.0	10	10	US-09-967-237-23	Sequence 23, Appli	c 204	3	30.0	17	13	US-10-404-300A-28	Sequence 28, Appli
132	3	30.0	10	10	US-09-967-237-23	Sequence 23, Appli	c 205	3	30.0	17	13	US-10-404-300A-28	Sequence 28, Appli
133	3	30.0	10	14	US-10-124-759-3	Sequence 3, Appli	c 206	3	30.0	17	15	US-10-727-516-5	Sequence 5, Appli
134	3	30.0	10	14	US-10-124-759-3	Sequence 3, Appli	c 207	3	30.0	17	15	US-10-727-516-5	Sequence 5, Appli
135	3	30.0	10	14	US-10-124-759-3	Sequence 14, Appli	c 208	3	30.0	17	15	US-10-877-623-10	Sequence 10, Appli
136	3	30.0	10	17	US-10-338-587A-14	Sequence 14, Appli	c 209	3	30.0	17	15	US-10-877-623-10	Sequence 10, Appli
137	3	30.0	10	17	US-10-338-587A-14	Sequence 14, Appli	c 210	3	30.0	17	15	US-10-274-095-46	Sequence 46, Appli
138	3	30.0	10	17	US-10-172-526-15	Sequence 15, Appli	c 211	3	30.0	18	15	US-10-274-095-46	Sequence 46, Appli
139	3	30.0	10	17	US-10-172-526-15	Sequence 15, Appli	c 212	3	30.0	18	15	US-10-279-061-3	Sequence 3, Appli
140	3	30.0	10	19	US-10-689-006-32	Sequence 32, Appli	c 213	3	30.0	18	16	US-10-279-061-3	Sequence 3, Appli
141	3	30.0	10	19	US-10-689-006-32	Sequence 32, Appli	c 214	3	30.0	18	19	US-10-666-022-24	Sequence 24, Appli
142	3	30.0	10	21	US-10-888-694-23	Sequence 23, Appli	c 215	3	30.0	18	19	US-10-666-022-24	Sequence 24, Appli
143	3	30.0	11	21	US-10-888-694-23	Sequence 23, Appli	c 216	3	30.0	19	9	US-09-816-763-19	Sequence 19, Appli
144	3	30.0	11	21	US-10-833-951-5	Sequence 5, Appli	c 217	3	30.0	19	9	US-09-816-763-19	Sequence 19, Appli
145	3	30.0	11	21	US-10-833-951-5	Sequence 5, Appli	c 218	3	30.0	19	9	US-09-816-763-20	Sequence 20, Appli
146	3	30.0	11	21	US-10-333-878-14	Sequence 14, Appli	c 219	3	30.0	19	9	US-09-816-763-20	Sequence 20, Appli
147	3	30.0	12	16	US-10-333-878-14	Sequence 14, Appli	c 220	3	30.0	19	14	US-10-067-956-43	Sequence 43, Appli
148	3	30.0	12	16	US-10-359-050-3	Sequence 3, Appli	c 221	3	30.0	19	14	US-10-067-956-43	Sequence 43, Appli
149	3	30.0	12	16	US-10-359-050-3	Sequence 3, Appli	c 222	3	30.0	19	14	US-10-067-956-43	Sequence 43, Appli
150	3	30.0	12	16	US-10-359-050-4	Sequence 4, Appli	c 223	3	30.0	19	14	US-10-067-956-43	Sequence 43, Appli
151	3	30.0	12	16	US-10-359-050-4	Sequence 4, Appli	c 224	3	30.0	19	14	US-10-067-956-43	Sequence 43, Appli
152	3	30.0	12	17	US-10-300-011-78	Sequence 78, Appli	c 225	3	30.0	19	14	US-10-067-956-43	Sequence 43, Appli
153	3	30.0	13	9	US-09-816-763-67	Sequence 67, Appli	c 226	3	30.0	19	14	US-10-067-956-43	Sequence 43, Appli

c 227	19	3	30.0	19	US-10-666-022-25	Sequence 25, Appl	c 300	3	30.0	21	US-10-776-393A-291	Sequence 291, App
c 228	19	3	30.0	19	US-10-666-022-25	Sequence 25, Appl	c 301	3	30.0	21	US-10-920-893-1398	Sequence 1398, Ap
c 229	19	3	30.0	19	US-10-666-022-35	Sequence 35, Appl	c 302	3	30.0	21	US-10-920-893-1398	Sequence 28, Appl
c 230	19	3	30.0	19	US-10-666-022-35	Sequence 35, Appl	c 303	3	30.0	22	US-10-666-022-28	Sequence 28, Appl
c 231	19	3	30.0	19	US-10-666-022-35	Sequence 35, Appl	c 304	3	30.0	22	US-10-666-022-28	Sequence 38, Appl
c 232	19	3	30.0	19	US-10-636-065-209	Sequence 209, App	c 305	3	30.0	22	US-10-666-022-38	Sequence 38, Appl
c 233	19	3	30.0	19	US-10-636-065-209	Sequence 209, App	c 306	3	30.0	22	US-10-666-022-38	Sequence 38, Appl
c 234	19	3	30.0	19	US-10-636-065-211	Sequence 211, App	c 307	3	30.0	22	US-10-666-022-48	Sequence 48, Appl
c 235	19	3	30.0	19	US-10-821-568-19	Sequence 19, Appl	c 308	3	30.0	22	US-10-666-022-48	Sequence 48, Appl
c 236	19	3	30.0	19	US-10-821-568-19	Sequence 19, Appl	c 309	3	30.0	22	US-10-666-022-58	Sequence 58, Appl
c 237	19	3	30.0	19	US-10-821-568-20	Sequence 20, Appl	c 310	3	30.0	22	US-10-666-022-58	Sequence 58, Appl
c 238	19	3	30.0	19	US-10-821-568-20	Sequence 20, Appl	c 311	3	30.0	22	US-10-666-022-68	Sequence 68, Appl
c 239	19	3	30.0	19	US-10-898-106-43	Sequence 43, Appl	c 312	3	30.0	22	US-10-666-022-68	Sequence 68, Appl
c 240	19	3	30.0	20	US-10-898-106-43	Sequence 43, Appl	c 313	3	30.0	22	US-10-666-022-103	Sequence 103, App
c 241	20	9	30.0	20	US-09-303-510-29	Sequence 29, Appl	c 314	3	30.0	22	US-10-666-022-103	Sequence 103, App
c 242	20	9	30.0	20	US-09-303-510-29	Sequence 29, Appl	c 315	3	30.0	22	US-10-666-022-113	Sequence 113, App
c 243	20	14	30.0	20	US-10-243-501-4	Sequence 4, Appl	c 316	3	30.0	22	US-10-666-022-113	Sequence 113, App
c 244	20	14	30.0	20	US-10-243-501-4	Sequence 4, Appl	c 317	3	30.0	22	US-10-666-022-113	Sequence 123, App
c 245	20	14	30.0	20	US-10-243-501-3	Sequence 3, Appl	c 318	3	30.0	22	US-10-666-022-123	Sequence 123, App
c 246	20	14	30.0	20	US-10-243-501-3	Sequence 3, Appl	c 319	3	30.0	22	US-10-666-022-123	Sequence 1, Appl
c 247	20	16	30.0	20	US-10-273-051-19	Sequence 19, Appl	c 320	3	30.0	22	US-10-870-110-1	Sequence 1, Appl
c 248	20	16	30.0	20	US-10-273-051-19	Sequence 19, Appl	c 321	3	30.0	22	US-10-870-110-1	Sequence 48, Appl
c 249	20	17	30.0	20	US-10-404-300A-30	Sequence 30, Appl	c 322	3	30.0	23	US-09-971-309-48	Sequence 48, Appl
c 250	20	17	30.0	20	US-10-404-300A-30	Sequence 30, Appl	c 323	3	30.0	23	US-09-971-309-48	Sequence 148, App
c 251	20	17	30.0	20	US-10-129-518-19	Sequence 19, Appl	c 324	3	30.0	23	US-09-468-147-148	Sequence 148, App
c 252	20	17	30.0	20	US-10-129-518-19	Sequence 19, Appl	c 325	3	30.0	23	US-09-468-147-148	Sequence 255, App
c 253	20	17	30.0	20	US-10-338-110-54	Sequence 54, Appl	c 326	3	30.0	23	US-09-468-147-255	Sequence 255, App
c 254	20	17	30.0	20	US-10-338-110-54	Sequence 54, Appl	c 327	3	30.0	23	US-10-258-107-15	Sequence 15, Appl
c 255	20	19	30.0	20	US-10-666-022-26	Sequence 26, Appl	c 328	3	30.0	23	US-10-258-107-15	Sequence 15, Appl
c 256	20	19	30.0	20	US-10-666-022-26	Sequence 26, Appl	c 329	3	30.0	23	US-10-319-745-148	Sequence 148, App
c 257	20	19	30.0	20	US-10-666-022-36	Sequence 36, Appl	c 330	3	30.0	23	US-10-319-745-148	Sequence 148, App
c 258	20	19	30.0	20	US-10-666-022-36	Sequence 36, Appl	c 331	3	30.0	23	US-10-319-745-285	Sequence 255, App
c 259	20	19	30.0	20	US-10-666-022-46	Sequence 46, Appl	c 332	3	30.0	23	US-10-319-745-285	Sequence 255, App
c 260	20	19	30.0	20	US-10-666-022-46	Sequence 46, Appl	c 333	3	30.0	23	US-10-362-091-21	Sequence 21, Appl
c 261	20	19	30.0	20	US-10-666-022-101	Sequence 101, App	c 334	3	30.0	23	US-10-362-091-21	Sequence 21, Appl
c 262	20	19	30.0	20	US-10-666-022-101	Sequence 101, App	c 335	3	30.0	23	US-10-666-022-29	Sequence 29, Appl
c 263	20	19	30.0	20	US-10-641-665A-1	Sequence 1, Appl	c 336	3	30.0	23	US-10-666-022-29	Sequence 29, Appl
c 264	20	19	30.0	20	US-10-641-665A-1	Sequence 1, Appl	c 337	3	30.0	23	US-10-666-022-39	Sequence 39, Appl
c 265	20	19	30.0	20	US-10-641-665A-3	Sequence 3, Appl	c 338	3	30.0	23	US-10-666-022-39	Sequence 39, Appl
c 266	20	19	30.0	20	US-10-641-665A-3	Sequence 3, Appl	c 339	3	30.0	23	US-10-666-022-49	Sequence 49, Appl
c 267	20	19	30.0	20	US-10-729-172-36	Sequence 36, Appl	c 340	3	30.0	23	US-10-666-022-49	Sequence 49, Appl
c 268	20	19	30.0	20	US-10-729-172-36	Sequence 36, Appl	c 341	3	30.0	23	US-10-666-022-59	Sequence 59, Appl
c 269	20	20	30.0	20	US-10-482-673-44	Sequence 44, Appl	c 342	3	30.0	23	US-10-666-022-59	Sequence 59, Appl
c 270	20	20	30.0	20	US-10-482-673-44	Sequence 44, Appl	c 343	3	30.0	23	US-10-666-022-69	Sequence 69, Appl
c 271	21	10	30.0	21	US-09-928-267-3	Sequence 3, Appl	c 344	3	30.0	23	US-10-666-022-69	Sequence 69, Appl
c 272	21	10	30.0	21	US-09-928-267-3	Sequence 3, Appl	c 345	3	30.0	23	US-10-666-022-79	Sequence 79, Appl
c 273	21	17	30.0	21	US-10-377-133-20	Sequence 20, Appl	c 346	3	30.0	23	US-10-666-022-79	Sequence 79, Appl
c 274	21	17	30.0	21	US-10-377-133-20	Sequence 20, Appl	c 347	3	30.0	23	US-10-666-022-104	Sequence 104, App
c 275	21	17	30.0	21	US-10-377-133-28	Sequence 28, Appl	c 348	3	30.0	23	US-10-666-022-104	Sequence 104, App
c 276	21	17	30.0	21	US-10-377-133-28	Sequence 28, Appl	c 349	3	30.0	23	US-10-666-022-114	Sequence 114, App
c 277	21	17	30.0	21	US-10-377-133-30	Sequence 30, Appl	c 350	3	30.0	23	US-10-666-022-114	Sequence 114, App
c 278	21	17	30.0	21	US-10-377-133-30	Sequence 30, Appl	c 351	3	30.0	23	US-10-666-022-124	Sequence 124, App
c 279	21	17	30.0	21	US-10-418-182-99	Sequence 99, Appl	c 352	3	30.0	23	US-10-666-022-124	Sequence 124, App
c 280	21	17	30.0	21	US-10-418-182-99	Sequence 99, Appl	c 353	3	30.0	23	US-10-666-022-134	Sequence 134, App
c 281	21	17	30.0	21	US-10-418-182-311	Sequence 311, App	c 354	3	30.0	23	US-10-666-022-134	Sequence 134, App
c 282	21	17	30.0	21	US-10-418-182-311	Sequence 311, App	c 355	3	30.0	23	US-10-637-544-11	Sequence 11, App
c 283	21	18	30.0	21	US-10-407-897-48	Sequence 48, Appl	c 356	3	30.0	23	US-10-637-544-11	Sequence 11, App
c 284	21	18	30.0	21	US-10-407-897-48	Sequence 48, Appl	c 357	3	30.0	23	US-10-819-275-11	Sequence 11, App
c 285	21	19	30.0	21	US-10-666-022-27	Sequence 27, Appl	c 358	3	30.0	23	US-10-819-275-11	Sequence 11, App
c 286	21	19	30.0	21	US-10-666-022-27	Sequence 27, Appl	c 359	3	30.0	24	US-09-785-632A-82	Sequence 82, Appl
c 287	21	19	30.0	21	US-10-666-022-37	Sequence 37, Appl	c 360	3	30.0	24	US-09-785-632A-82	Sequence 82, Appl
c 288	21	19	30.0	21	US-10-666-022-37	Sequence 37, Appl	c 361	3	30.0	24	US-10-278-087A-15	Sequence 15, Appl
c 289	21	19	30.0	21	US-10-666-022-47	Sequence 47, Appl	c 362	3	30.0	24	US-10-278-087A-15	Sequence 15, Appl
c 290	21	19	30.0	21	US-10-666-022-47	Sequence 47, Appl	c 363	3	30.0	24	US-10-080-263C-7	Sequence 7, Appl
c 291	21	19	30.0	21	US-10-666-022-57	Sequence 57, Appl	c 364	3	30.0	24	US-10-080-263C-7	Sequence 7, Appl
c 292	21	19	30.0	21	US-10-666-022-57	Sequence 57, Appl	c 365	3	30.0	24	US-10-223-765-82	Sequence 82, Appl
c 293	21	19	30.0	21	US-10-666-022-102	Sequence 102, App	c 366	3	30.0	24	US-10-223-765-82	Sequence 82, Appl
c 294	21	19	30.0	21	US-10-666-022-102	Sequence 102, App	c 367	3	30.0	24	US-10-666-022-30	Sequence 30, Appl
c 295	21	19	30.0	21	US-10-666-022-112	Sequence 112, App	c 368	3	30.0	24	US-10-666-022-30	Sequence 30, Appl
c 296	21	19	30.0	21	US-10-666-022-112	Sequence 112, App	c 369	3	30.0	24	US-10-666-022-40	Sequence 40, Appl
c 297	21	19	30.0	21	US-10-433-244-12	Sequence 12, Appl	c 370	3	30.0	24	US-10-666-022-40	Sequence 40, Appl
c 298	21	19	30.0	21	US-10-433-244-12	Sequence 12, Appl	c 371	3	30.0	24	US-10-666-022-50	Sequence 50, Appl
c 299	21	21	30.0	21	US-10-776-393A-291	Sequence 291, App	c 372	3	30.0	24	US-10-666-022-50	Sequence 50, Appl

373	3	30.0	24	19	US-10-666-022-60	Sequence 60, Appl	c 446	3	30.0	26	19	US-10-666-022-82	Sequence 82, Appl
374	3	30.0	24	19	US-10-666-022-60	Sequence 60, Appl	447	3	30.0	26	19	US-10-666-022-92	Sequence 92, Appl
375	3	30.0	24	19	US-10-666-022-70	Sequence 70, Appl	448	3	30.0	26	19	US-10-666-022-92	Sequence 92, Appl
376	3	30.0	24	19	US-10-666-022-70	Sequence 70, Appl	449	3	30.0	26	19	US-10-666-022-107	Sequence 107, Appl
377	3	30.0	24	19	US-10-666-022-80	Sequence 80, Appl	450	3	30.0	26	19	US-10-666-022-107	Sequence 107, Appl
378	3	30.0	24	19	US-10-666-022-80	Sequence 80, Appl	451	3	30.0	26	19	US-10-666-022-117	Sequence 117, Appl
379	3	30.0	24	19	US-10-666-022-90	Sequence 90, Appl	452	3	30.0	26	19	US-10-666-022-117	Sequence 117, Appl
380	3	30.0	24	19	US-10-666-022-90	Sequence 90, Appl	453	3	30.0	26	19	US-10-666-022-127	Sequence 127, Appl
381	3	30.0	24	19	US-10-666-022-105	Sequence 105, Appl	454	3	30.0	26	19	US-10-666-022-127	Sequence 127, Appl
382	3	30.0	24	19	US-10-666-022-105	Sequence 105, Appl	455	3	30.0	26	19	US-10-666-022-137	Sequence 137, Appl
383	3	30.0	24	19	US-10-666-022-115	Sequence 115, Appl	456	3	30.0	26	19	US-10-666-022-137	Sequence 137, Appl
384	3	30.0	24	19	US-10-666-022-115	Sequence 115, Appl	457	3	30.0	26	19	US-10-666-022-147	Sequence 147, Appl
385	3	30.0	24	19	US-10-666-022-125	Sequence 125, Appl	458	3	30.0	26	19	US-10-666-022-147	Sequence 147, Appl
386	3	30.0	24	19	US-10-666-022-125	Sequence 125, Appl	459	3	30.0	26	19	US-10-666-022-157	Sequence 157, Appl
387	3	30.0	24	19	US-10-666-022-135	Sequence 135, Appl	460	3	30.0	26	19	US-10-666-022-157	Sequence 157, Appl
388	3	30.0	24	19	US-10-666-022-135	Sequence 135, Appl	461	3	30.0	26	19	US-10-666-022-167	Sequence 167, Appl
389	3	30.0	24	19	US-10-666-022-145	Sequence 145, Appl	462	3	30.0	26	19	US-10-666-022-167	Sequence 167, Appl
390	3	30.0	24	19	US-10-666-022-145	Sequence 145, Appl	463	3	30.0	26	20	US-10-815-480-4	Sequence 4, Appl
391	3	30.0	24	19	US-10-666-022-145	Sequence 145, Appl	464	3	30.0	26	20	US-10-815-480-4	Sequence 4, Appl
392	3	30.0	24	19	US-10-770-824-78	Sequence 78, Appl	465	3	30.0	26	22	US-10-722-555-37	Sequence 37, Appl
393	3	30.0	24	19	US-10-770-824-78	Sequence 78, Appl	466	3	30.0	26	22	US-10-722-555-37	Sequence 37, Appl
394	3	30.0	25	19	US-10-666-022-31	Sequence 31, Appl	467	3	30.0	27	9	US-09-780-651-7	Sequence 7, Appl
395	3	30.0	25	19	US-10-666-022-31	Sequence 31, Appl	467	3	30.0	27	9	US-09-780-651-7	Sequence 7, Appl
396	3	30.0	25	19	US-10-666-022-41	Sequence 41, Appl	468	3	30.0	27	9	US-09-780-651-8	Sequence 8, Appl
397	3	30.0	25	19	US-10-666-022-41	Sequence 41, Appl	469	3	30.0	27	9	US-09-780-651-8	Sequence 8, Appl
398	3	30.0	25	19	US-10-666-022-51	Sequence 51, Appl	470	3	30.0	27	9	US-09-780-651-8	Sequence 8, Appl
399	3	30.0	25	19	US-10-666-022-51	Sequence 51, Appl	471	3	30.0	27	14	US-10-001-546-59	Sequence 59, Appl
400	3	30.0	25	19	US-10-666-022-61	Sequence 61, Appl	472	3	30.0	27	14	US-10-001-546-59	Sequence 59, Appl
401	3	30.0	25	19	US-10-666-022-61	Sequence 61, Appl	473	3	30.0	27	14	US-10-001-546-60	Sequence 60, Appl
402	3	30.0	25	19	US-10-666-022-71	Sequence 71, Appl	474	3	30.0	27	14	US-10-001-546-60	Sequence 60, Appl
403	3	30.0	25	19	US-10-666-022-71	Sequence 71, Appl	475	3	30.0	27	16	US-10-037-886-337	Sequence 337, Appl
404	3	30.0	25	19	US-10-666-022-81	Sequence 81, Appl	476	3	30.0	27	16	US-10-037-886-337	Sequence 337, Appl
405	3	30.0	25	19	US-10-666-022-81	Sequence 81, Appl	477	3	30.0	27	16	US-10-037-886-337	Sequence 337, Appl
406	3	30.0	25	19	US-10-666-022-91	Sequence 91, Appl	478	3	30.0	27	16	US-10-251-686-4	Sequence 4, Appl
407	3	30.0	25	19	US-10-666-022-91	Sequence 91, Appl	479	3	30.0	27	16	US-10-251-686-4	Sequence 4, Appl
408	3	30.0	25	19	US-10-666-022-106	Sequence 106, Appl	480	3	30.0	27	16	US-10-223-666-268	Sequence 268, Appl
409	3	30.0	25	19	US-10-666-022-106	Sequence 106, Appl	481	3	30.0	27	16	US-10-223-666-268	Sequence 268, Appl
410	3	30.0	25	19	US-10-666-022-116	Sequence 116, Appl	482	3	30.0	27	16	US-10-408-085-337	Sequence 337, Appl
411	3	30.0	25	19	US-10-666-022-116	Sequence 116, Appl	483	3	30.0	27	16	US-10-408-085-337	Sequence 337, Appl
412	3	30.0	25	19	US-10-666-022-126	Sequence 126, Appl	485	3	30.0	27	17	US-10-132-067-11	Sequence 11, Appl
413	3	30.0	25	19	US-10-666-022-136	Sequence 136, Appl	486	3	30.0	27	17	US-10-132-067-11	Sequence 11, Appl
414	3	30.0	25	19	US-10-666-022-136	Sequence 136, Appl	487	3	30.0	27	17	US-10-167-634-3	Sequence 3, Appl
415	3	30.0	25	19	US-10-666-022-146	Sequence 146, Appl	488	3	30.0	27	17	US-10-167-634-3	Sequence 3, Appl
416	3	30.0	25	19	US-10-666-022-146	Sequence 146, Appl	489	3	30.0	27	17	US-10-418-182-155	Sequence 155, Appl
417	3	30.0	25	19	US-10-666-022-156	Sequence 156, Appl	490	3	30.0	27	17	US-10-418-182-155	Sequence 155, Appl
418	3	30.0	25	19	US-10-666-022-156	Sequence 156, Appl	491	3	30.0	27	17	US-10-418-182-157	Sequence 157, Appl
419	3	30.0	25	19	US-10-666-022-166	Sequence 166, Appl	492	3	30.0	27	17	US-10-418-182-354	Sequence 354, Appl
420	3	30.0	25	21	US-10-273-323A-50	Sequence 50, Appl	493	3	30.0	27	17	US-10-418-182-354	Sequence 354, Appl
421	3	30.0	25	21	US-10-273-323A-50	Sequence 50, Appl	494	3	30.0	27	17	US-10-418-182-360	Sequence 360, Appl
422	3	30.0	25	21	US-10-275-323A-66	Sequence 66, Appl	495	3	30.0	27	17	US-10-418-182-360	Sequence 360, Appl
423	3	30.0	25	21	US-10-275-323A-66	Sequence 66, Appl	496	3	30.0	27	18	US-10-418-182-360	Sequence 360, Appl
424	3	30.0	26	10	US-09-932-155-1498	Sequence 1498, Ap	497	3	30.0	27	18	US-10-418-251-52	Sequence 52, Appl
425	3	30.0	26	10	US-09-932-155-1498	Sequence 1498, Ap	498	3	30.0	27	18	US-10-418-251-52	Sequence 52, Appl
426	3	30.0	26	10	US-09-932-165-1499	Sequence 1499, Ap	499	3	30.0	27	18	US-10-725-876-9	Sequence 9, Appl
427	3	30.0	26	16	US-10-037-986-343	Sequence 343, Appl	500	3	30.0	27	18	US-10-725-876-9	Sequence 9, Appl
428	3	30.0	26	16	US-10-037-986-343	Sequence 343, Appl	501	3	30.0	27	18	US-10-725-876-9	Sequence 9, Appl
429	3	30.0	26	16	US-10-223-666-269	Sequence 269, Appl	502	3	30.0	27	18	US-10-725-876-9	Sequence 9, Appl
430	3	30.0	26	16	US-10-223-666-269	Sequence 269, Appl	503	3	30.0	27	18	US-10-725-876-9	Sequence 9, Appl
431	3	30.0	26	16	US-10-408-085-343	Sequence 343, Appl	504	3	30.0	27	18	US-10-725-876-9	Sequence 9, Appl
432	3	30.0	26	16	US-10-408-085-343	Sequence 343, Appl	505	3	30.0	27	18	US-10-725-876-9	Sequence 9, Appl
433	3	30.0	26	17	US-10-364-839-8	Sequence 8, Appl	506	3	30.0	27	18	US-10-725-876-9	Sequence 9, Appl
434	3	30.0	26	17	US-10-364-839-8	Sequence 8, Appl	507	3	30.0	27	18	US-10-725-876-9	Sequence 9, Appl
435	3	30.0	26	19	US-10-666-022-32	Sequence 32, Appl	508	3	30.0	27	18	US-10-725-876-9	Sequence 9, Appl
436	3	30.0	26	19	US-10-666-022-32	Sequence 32, Appl	509	3	30.0	27	18	US-10-725-876-9	Sequence 9, Appl
437	3	30.0	26	19	US-10-666-022-42	Sequence 42, Appl	511	3	30.0	27	19	US-10-666-022-93	Sequence 93, Appl
438	3	30.0	26	19	US-10-666-022-42	Sequence 42, Appl	512	3	30.0	27	19	US-10-666-022-93	Sequence 93, Appl
439	3	30.0	26	19	US-10-666-022-52	Sequence 52, Appl	513	3	30.0	27	19	US-10-666-022-108	Sequence 108, Appl
440	3	30.0	26	19	US-10-666-022-52	Sequence 52, Appl	514	3	30.0	27	19	US-10-666-022-108	Sequence 108, Appl
441	3	30.0	26	19	US-10-666-022-62	Sequence 62, Appl	515	3	30.0	27	19	US-10-666-022-118	Sequence 118, Appl
442	3	30.0	26	19	US-10-666-022-62	Sequence 62, Appl	516	3	30.0	27	19	US-10-666-022-118	Sequence 118, Appl
443	3	30.0	26	19	US-10-666-022-72	Sequence 72, Appl	517	3	30.0	27	19	US-10-666-022-128	Sequence 128, Appl
444	3	30.0	26	19	US-10-666-022-72	Sequence 72, Appl	518	3	30.0	27	19	US-10-666-022-128	Sequence 128, Appl
445	3	30.0	26	19	US-10-666-022-82	Sequence 82, Appl	518	3	30.0	27	19	US-10-666-022-128	Sequence 128, Appl

665	3	30.0	35	9	US-09-802-853-9	Sequence 9, Appli	c 738	3	30.0	40	19	US-10-693-057-443	Sequence 443, App
c 666	3	30.0	35	9	US-09-802-853-9	Sequence 9, Appli	c 739	3	30.0	40	19	US-10-693-057-444	Sequence 444, App
667	3	30.0	35	10	US-09-215-163-8	Sequence 8, Appli	c 740	3	30.0	40	19	US-10-693-057-444	Sequence 444, App
c 668	3	30.0	35	10	US-09-215-163-8	Sequence 8, Appli	c 741	3	30.0	40	19	US-10-693-057-446	Sequence 446, App
c 669	3	30.0	35	10	US-09-215-163-32	Sequence 32, Appli	c 742	3	30.0	40	19	US-10-693-057-446	Sequence 446, App
c 670	3	30.0	35	10	US-09-215-163-32	Sequence 32, Appli	c 743	3	30.0	40	19	US-10-693-057-482	Sequence 482, App
c 671	3	30.0	35	14	US-10-307-385-9	Sequence 9, Appli	c 744	3	30.0	40	19	US-10-693-057-482	Sequence 482, App
c 672	3	30.0	35	14	US-10-307-385-9	Sequence 9, Appli	c 745	3	30.0	40	19	US-10-693-057-484	Sequence 484, App
c 673	3	30.0	35	15	US-10-280-261-6	Sequence 6, Appli	c 746	3	30.0	40	19	US-10-693-057-485	Sequence 485, App
c 674	3	30.0	35	15	US-10-280-261-6	Sequence 6, Appli	c 747	3	30.0	40	19	US-10-693-057-485	Sequence 485, App
c 675	3	30.0	35	21	US-10-489-739-7	Sequence 7, Appli	c 748	3	30.0	40	19	US-10-693-057-487	Sequence 487, App
c 676	3	30.0	35	21	US-10-489-739-7	Sequence 7, Appli	c 749	3	30.0	40	19	US-10-693-057-487	Sequence 487, App
c 677	3	30.0	36	9	US-09-753-436-40	Sequence 40, Appli	c 750	3	30.0	40	19	US-10-693-057-487	Sequence 487, App
c 678	3	30.0	36	9	US-09-753-436-40	Sequence 40, Appli	c 751	3	30.0	40	21	US-10-693-056-441	Sequence 441, App
c 679	3	30.0	36	16	US-10-126-845-35	Sequence 35, Appli	c 752	3	30.0	40	21	US-10-693-056-441	Sequence 441, App
c 680	3	30.0	36	16	US-10-126-845-35	Sequence 35, Appli	c 753	3	30.0	40	21	US-10-693-056-443	Sequence 443, App
c 681	3	30.0	36	16	US-10-163-942-40	Sequence 40, Appli	c 754	3	30.0	40	21	US-10-693-056-443	Sequence 443, App
c 682	3	30.0	36	16	US-10-163-942-40	Sequence 40, Appli	c 755	3	30.0	40	21	US-10-693-056-444	Sequence 444, App
c 683	3	30.0	36	17	US-10-418-182-87	Sequence 87, Appli	c 756	3	30.0	40	21	US-10-693-056-444	Sequence 444, App
c 684	3	30.0	36	17	US-10-418-182-87	Sequence 87, Appli	c 757	3	30.0	40	21	US-10-693-056-446	Sequence 446, App
c 685	3	30.0	36	17	US-10-418-182-400	Sequence 400, App	c 758	3	30.0	40	21	US-10-693-056-446	Sequence 446, App
c 686	3	30.0	36	17	US-10-418-182-400	Sequence 400, App	c 759	3	30.0	40	21	US-10-693-056-482	Sequence 482, App
c 687	3	30.0	36	20	US-10-745-115-40	Sequence 40, Appli	c 760	3	30.0	40	21	US-10-693-056-482	Sequence 482, App
c 688	3	30.0	36	20	US-10-745-115-40	Sequence 40, Appli	c 761	3	30.0	40	21	US-10-693-056-484	Sequence 484, App
c 689	3	30.0	36	21	US-10-669-162C-8	Sequence 8, Appli	c 762	3	30.0	40	21	US-10-693-056-484	Sequence 484, App
c 690	3	30.0	36	21	US-10-669-162C-8	Sequence 8, Appli	c 763	3	30.0	40	21	US-10-693-056-485	Sequence 485, App
c 691	3	30.0	36	21	US-10-955-656-35	Sequence 35, Appli	c 764	3	30.0	40	21	US-10-693-056-485	Sequence 485, App
c 692	3	30.0	36	21	US-10-955-656-35	Sequence 35, Appli	c 765	3	30.0	40	21	US-10-693-056-487	Sequence 487, App
c 693	3	30.0	38	15	US-10-209-507-13	Sequence 13, Appli	c 766	3	30.0	40	21	US-10-693-056-487	Sequence 487, App
c 694	3	30.0	38	15	US-10-209-507-13	Sequence 13, Appli	c 767	3	30.0	40	21	US-10-840-723-441	Sequence 441, App
c 695	3	30.0	38	15	US-10-280-261-15	Sequence 15, Appli	c 768	3	30.0	40	21	US-10-840-723-441	Sequence 441, App
c 696	3	30.0	38	15	US-10-280-261-15	Sequence 15, Appli	c 769	3	30.0	40	21	US-10-840-723-443	Sequence 443, App
c 697	3	30.0	38	19	US-10-302-570-8	Sequence 8, Appli	c 770	3	30.0	40	21	US-10-840-723-443	Sequence 443, App
c 698	3	30.0	38	19	US-10-302-570-8	Sequence 8, Appli	c 771	3	30.0	40	21	US-10-840-723-444	Sequence 444, App
c 699	3	30.0	39	9	US-09-564-329A-26	Sequence 26, Appli	c 772	3	30.0	40	21	US-10-840-723-444	Sequence 444, App
c 700	3	30.0	39	9	US-09-564-329A-26	Sequence 26, Appli	c 773	3	30.0	40	21	US-10-840-723-446	Sequence 446, App
c 701	3	30.0	39	9	US-09-881-823-26	Sequence 26, Appli	c 774	3	30.0	40	21	US-10-840-723-446	Sequence 446, App
c 702	3	30.0	39	9	US-09-881-823-26	Sequence 26, Appli	c 775	3	30.0	40	21	US-10-840-723-482	Sequence 482, App
c 703	3	30.0	39	9	US-09-855-153-26	Sequence 26, Appli	c 776	3	30.0	40	21	US-10-840-723-482	Sequence 482, App
c 704	3	30.0	39	9	US-09-855-153-26	Sequence 26, Appli	c 777	3	30.0	40	21	US-10-840-723-484	Sequence 484, App
c 705	3	30.0	39	9	US-09-854-811-26	Sequence 26, Appli	c 778	3	30.0	40	21	US-10-840-723-484	Sequence 484, App
c 706	3	30.0	39	9	US-09-854-811-26	Sequence 26, Appli	c 779	3	30.0	40	21	US-10-840-723-485	Sequence 485, App
c 707	3	30.0	39	9	US-09-934-773-26	Sequence 26, Appli	c 780	3	30.0	40	21	US-10-840-723-485	Sequence 485, App
c 708	3	30.0	39	9	US-09-934-773-26	Sequence 26, Appli	c 781	3	30.0	40	21	US-10-840-723-487	Sequence 487, App
c 709	3	30.0	39	9	US-09-963-620-26	Sequence 26, Appli	c 782	3	30.0	40	21	US-10-840-723-487	Sequence 487, App
c 710	3	30.0	39	9	US-09-963-620-26	Sequence 26, Appli	c 783	3	30.0	40	21	US-10-871-602-441	Sequence 441, App
c 711	3	30.0	39	10	US-09-855-632-26	Sequence 26, Appli	c 784	3	30.0	40	21	US-10-871-602-441	Sequence 441, App
c 712	3	30.0	39	10	US-09-855-632-26	Sequence 26, Appli	c 785	3	30.0	40	21	US-10-871-602-443	Sequence 443, App
c 713	3	30.0	39	14	US-10-121-258-59	Sequence 59, Appli	c 786	3	30.0	40	21	US-10-871-602-444	Sequence 444, App
c 714	3	30.0	39	14	US-10-121-258-59	Sequence 59, Appli	c 787	3	30.0	40	21	US-10-871-602-444	Sequence 444, App
c 715	3	30.0	39	15	US-10-225-784-26	Sequence 26, Appli	c 788	3	30.0	40	21	US-10-871-602-446	Sequence 446, App
c 716	3	30.0	39	15	US-10-225-784-26	Sequence 26, Appli	c 789	3	30.0	40	21	US-10-871-602-446	Sequence 446, App
c 717	3	30.0	39	15	US-10-224-720-26	Sequence 26, Appli	c 790	3	30.0	40	21	US-10-871-602-482	Sequence 482, App
c 718	3	30.0	39	15	US-10-224-720-26	Sequence 26, Appli	c 791	3	30.0	40	21	US-10-871-602-482	Sequence 482, App
c 719	3	30.0	39	16	US-10-225-779-26	Sequence 26, Appli	c 792	3	30.0	40	21	US-10-871-602-482	Sequence 482, App
c 720	3	30.0	39	16	US-10-225-779-26	Sequence 26, Appli	c 793	3	30.0	40	21	US-10-871-602-484	Sequence 484, App
c 721	3	30.0	39	17	US-10-374-381-26	Sequence 26, Appli	c 794	3	30.0	40	21	US-10-871-602-484	Sequence 484, App
c 722	3	30.0	39	17	US-10-374-381-26	Sequence 26, Appli	c 795	3	30.0	40	21	US-10-871-602-485	Sequence 485, App
c 723	3	30.0	39	17	US-10-446-542-26	Sequence 26, Appli	c 796	3	30.0	40	21	US-10-871-602-485	Sequence 485, App
c 724	3	30.0	39	17	US-10-446-542-26	Sequence 26, Appli	c 797	3	30.0	40	21	US-10-871-602-487	Sequence 487, App
c 725	3	30.0	39	21	US-10-769-308-20	Sequence 20, Appli	c 798	3	30.0	40	21	US-10-871-602-487	Sequence 487, App
c 726	3	30.0	39	21	US-10-769-308-20	Sequence 20, Appli	c 799	3	30.0	41	18	US-10-035-833A-5145	Sequence 5145, App
c 727	3	30.0	39	21	US-10-769-308-20	Sequence 20, Appli	c 800	3	30.0	41	18	US-10-035-833A-5145	Sequence 5145, App
c 728	3	30.0	39	21	US-10-855-013-3	Sequence 3, Appli	c 801	3	30.0	41	18	US-10-035-833A-5146	Sequence 5146, App
c 729	3	30.0	39	21	US-10-855-013-3	Sequence 3, Appli	c 802	3	30.0	41	18	US-10-035-833A-5146	Sequence 5146, App
c 730	3	30.0	39	21	US-10-855-013-19	Sequence 19, Appli	c 803	3	30.0	42	8	US-08-934-000-23	Sequence 23, Appli
c 731	3	30.0	39	21	US-10-855-013-19	Sequence 19, Appli	c 804	3	30.0	42	8	US-08-934-000-23	Sequence 23, Appli
c 732	3	30.0	39	21	US-10-855-013-22	Sequence 22, Appli	c 805	3	30.0	42	10	US-09-977-283A-23	Sequence 23, Appli
c 733	3	30.0	39	21	US-10-855-013-22	Sequence 22, Appli	c 806	3	30.0	42	10	US-09-977-283A-23	Sequence 23, Appli
c 734	3	30.0	39	21	US-10-769-074-20	Sequence 20, Appli	c 807	3	30.0	45	16	US-10-205-911-6	Sequence 6, Appli
c 735	3	30.0	39	21	US-10-769-074-20	Sequence 20, Appli	c 808	3	30.0	45	16	US-10-205-911-6	Sequence 6, Appli
c 736	3	30.0	40	19	US-10-693-057-441	Sequence 441, App	c 809	3	30.0	45	16	US-10-205-911-7	Sequence 7, Appli
c 737	3	30.0	40	19	US-10-693-057-441	Sequence 441, App	c 810	3	30.0	45	16	US-10-205-911-7	Sequence 7, Appli

957 Sequence 469, App
c 958 Sequence 469, App
959 Sequence 248, App
c 960 Sequence 248, App
961 Sequence 248, App
c 962 Sequence 248, App
963 Sequence 369, App
c 964 Sequence 369, App
965 Sequence 369, App
c 966 Sequence 369, App
967 Sequence 369, App
c 968 Sequence 369, App
969 Sequence 369, App
c 970 Sequence 382, App
971 Sequence 382, App
c 972 Sequence 382, App
973 Sequence 450, App
c 974 Sequence 450, App
975 Sequence 450, App
c 976 Sequence 461, App
977 Sequence 461, App
c 978 Sequence 491, App
979 Sequence 491, App
c 980 Sequence 502, App
981 Sequence 502, App
c 982 Sequence 502, App
983 Sequence 502, App
c 984 Sequence 502, App
985 Sequence 502, App
c 986 Sequence 502, App
987 Sequence 502, App
c 988 Sequence 502, App
989 Sequence 502, App
c 990 Sequence 502, App
991 Sequence 502, App
c 992 Sequence 502, App
993 Sequence 502, App
c 994 Sequence 502, App
995 Sequence 502, App
c 996 Sequence 502, App
997 Sequence 502, App
c 998 Sequence 502, App
999 Sequence 502, App
c1000 Sequence 502, App

ALIGNMENTS

RESULT 1
US-09-813-824A-3
; Sequence 3, Application US/09813824A
; Patent No. US20020164595A1
; GENERAL INFORMATION:
; APPLICANT: Vogelstein, Bert
; Kinzler, Kenneth
; Sherman, Michael
; TITLE OF INVENTION: SEQUENCE SPECIFIC DNA BINDING
; BY P53
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff
; STREET: 1001 G Street, NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; FILING DATE: 22-Mar-2001
; APPLICATION NUMBER: US/09/813,824A
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/860,758
; FILING DATE: 31-MAR-1992
; APPLICATION NUMBER: 07/715,182
; FILING DATE: 14-JUN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A
; REGISTRATION NUMBER: 32141
; REFERENCE/DOCKET NUMBER: 01107.47071
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299

; APPLICATION NUMBER: US/09/813,824A
; FILING DATE: 22-Mar-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/860,758
; FILING DATE: 31-MAR-1992
; APPLICATION NUMBER: 07/715,182
; FILING DATE: 14-JUN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A
; REGISTRATION NUMBER: 32141
; REFERENCE/DOCKET NUMBER: 01107.47071
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-813-824A-3
Query Match 100.0%; Score 10; DB 9; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Oy 1 RRCWGWYY 10
Db 1 RRCWGWYY 10
RESULT 2
US-09-813-824A-3/c
; Sequence 3, Application US/09813824A
; Patent No. US20020164595A1
; GENERAL INFORMATION:
; APPLICANT: Vogelstein, Bert
; Kinzler, Kenneth
; Sherman, Michael
; TITLE OF INVENTION: SEQUENCE SPECIFIC DNA BINDING
; BY P53
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff
; STREET: 1001 G Street, NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; FILING DATE: 22-Mar-2001
; APPLICATION NUMBER: US/09/813,824A
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/860,758
; FILING DATE: 31-MAR-1992
; APPLICATION NUMBER: 07/715,182
; FILING DATE: 14-JUN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A
; REGISTRATION NUMBER: 32141
; REFERENCE/DOCKET NUMBER: 01107.47071
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299

```

;
;   TELEX: <Unknown>
;   INFORMATION FOR SEQ ID NO: 3:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH: 10 base pairs
;       TYPE: nucleic acid
;       STRANDEDNESS: single
;       TOPOLOGY: linear
;     SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-813-824A-3

Query Match      100.0%; Score 10; DB 9; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRRCWGYYY 10
Db 10 RRRRCWGYYY 1

RESULT 3
US-09-928-385B-24
; Sequence 24, Application US/09928385B
; Publication No. US20030049625A1
; GENERAL INFORMATION:
; APPLICANT: Heyduk, Tomasz
; TITLE OF INVENTION: A Rapid and Sensitive Proximity-Based Assay for the Detection
; FILE REFERENCE: 16153-7963
; CURRENT APPLICATION NUMBER: US/09/928,385B
; CURRENT FILING DATE: 2002-01-14
; NUMBER OF SEQ ID NOS: 24
; SEQ ID NO 24
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY:
; LOCATION:
; OTHER INFORMATION: These sequences were chemically synthesized,
; OTHER INFORMATION: but may also be created via recombinant methods.
US-09-928-385B-24

Query Match      100.0%; Score 10; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRRCWGYYY 10
Db 1 RRRRCWGYYY 10

RESULT 4
US-09-928-385B-24/c
; Sequence 24, Application US/09928385B
; Publication No. US20030049625A1
; GENERAL INFORMATION:
; APPLICANT: Heyduk, Tomasz
; TITLE OF INVENTION: A Rapid and Sensitive Proximity-Based Assay for the Detection
; FILE REFERENCE: 16153-7963
; CURRENT APPLICATION NUMBER: US/09/928,385B
; CURRENT FILING DATE: 2002-01-14
; NUMBER OF SEQ ID NOS: 24
; SEQ ID NO 24
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY:
; LOCATION:
; OTHER INFORMATION: These sequences were chemically synthesized,
; OTHER INFORMATION: but may also be created via recombinant methods.
US-09-928-385B-24
```

```

Query Match      100.0%; Score 10; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRRCWGYYY 10
Db 10 RRRRCWGYYY 1

RESULT 5
US-09-798-883B-57
; Sequence 57, Application US/09798883B
; Publication No. US20030159159A1
; GENERAL INFORMATION:
; APPLICANT: LINNIK, Matthew
; APPLICANT: RACKE, Margaret
; APPLICANT: KRAKOWSKY, Joan
; APPLICANT: SUBRAMANIAM, Arun
; TITLE OF INVENTION: Human Nerve Growth Factor Exon 1 and Exon 3 Promoters
; FILE REFERENCE: HMR2002C US DIV
; CURRENT APPLICATION NUMBER: US/09/798,883B
; CURRENT FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 57
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Consensus Binding Motif in Human Nerve Growth Factor Exon 1 and 3
; OTHER INFORMATION: Promoter
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: i-g or a
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: w-a or t
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: y-c or t
US-09-798-883B-57

Query Match      100.0%; Score 10; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRRCWGYYY 10
Db 1 RRRRCWGYYY 10

RESULT 6
US-09-798-883B-57/c
; Sequence 57, Application US/09798883B
; Publication No. US20030159159A1
; GENERAL INFORMATION:
; APPLICANT: LINNIK, Matthew
; APPLICANT: RACKE, Margaret
; APPLICANT: KRAKOWSKY, Joan
; APPLICANT: SUBRAMANIAM, Arun
; TITLE OF INVENTION: Human Nerve Growth Factor Exon 1 and Exon 3 Promoters
; FILE REFERENCE: HMR2002C US DIV
; CURRENT APPLICATION NUMBER: US/09/798,883B
; CURRENT FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 57
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Consensus Binding Motif in Human Nerve Growth Factor Exon 1 and 3
```

OTHER INFORMATION: Promoter
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: r=g or a
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: w=a or t
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: y=c or t
US-09-798-883B-57

Query Match 100.0%; Score 10; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYY 10
DB 10 RRCWGWYY 1

RESULT 7

US-09-326-885-57
Sequence 57, Application US/09326885
Publication No. US20030192065A1
GENERAL INFORMATION:
APPLICANT: Linnik, Matthew D
Racke, Margaret M
Krakowsky, Joan M
Subramaniam, Arun
TITLE OF INVENTION: Human Nerve Growth Factor Exon 1 and Exon 3 Promoters
NUMBER OF SEQUENCES: 84
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoechst Marion Roussel, Inc.
STREET: 2110 East Galbraith Road, P.O. Box 156300
CITY: Cincinnati
STATE: Ohio
COUNTRY: United States of America
ZIP: 45215-6300
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/326,885
FILING DATE: 07-Jun-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/020,179
FILING DATE: <Unknown>
APPLICATION NUMBER: US 60/038,212
FILING DATE: 06-FEB-1997
ATTORNEY/AGENT INFORMATION:
NAME: Payne, T. Helen
REGISTRATION NUMBER: 36,889
REFERENCE/DOCKET NUMBER: HMR2002A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 513 948-7183
TELEFAX: 513 948-7961/4681
INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 57:

Query Match

100.0%; Score 10; DB 10; Length 10;

Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYY 10
DB 1 RRCWGWYY 10

RESULT 8

US-09-326-885-57/c
Sequence 57, Application US/09326885
Publication No. US20030192065A1
GENERAL INFORMATION:
APPLICANT: Linnik, Matthew D
Racke, Margaret M
Krakowsky, Joan M
Subramaniam, Arun
TITLE OF INVENTION: Human Nerve Growth Factor Exon 1 and Exon 3 Promoters
NUMBER OF SEQUENCES: 84
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoechst Marion Roussel, Inc.
STREET: 2110 East Galbraith Road, P.O. Box 156300
CITY: Cincinnati
STATE: Ohio
COUNTRY: United States of America
ZIP: 45215-6300
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/326,885
FILING DATE: 07-Jun-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/020,179
FILING DATE: <Unknown>
APPLICATION NUMBER: US 60/038,212
FILING DATE: 06-FEB-1997
ATTORNEY/AGENT INFORMATION:
NAME: Payne, T. Helen
REGISTRATION NUMBER: 36,889
REFERENCE/DOCKET NUMBER: HMR2002A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 513 948-7183
TELEFAX: 513 948-7961/4681
INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 57:
US-09-326-885-57

Query Match 100.0%; Score 10; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYY 10
DB 10 RRCWGWYY 1

RESULT 9

US-10-464-996-5
Sequence 5, Application US/10464996
Publication No. US20040101915A1
GENERAL INFORMATION:

; APPLICANT: Deveraux, Quinn L.
; APPLICANT: Wagner, Klaus W.
; APPLICANT: Hampton, Garret M.
; APPLICANT: IRM LLC
; TITLE OF INVENTION: Diagnosis and Treatment of Chemoresistant Tumors
; FILE REFERENCE: 021288-001220US
; CURRENT APPLICATION NUMBER: US/10/464,996
; CURRENT FILING DATE: 2003-06-18
; PRIOR APPLICATION NUMBER: US 60/390,256
; PRIOR FILING DATE: 2002-06-18
; PRIOR APPLICATION NUMBER: US 60/456,585
; PRIOR FILING DATE: 2003-03-21
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:p53 consensus
; OTHER INFORMATION: element
US-10-464-996-5

Query Match 100.0%; Score 10; DB 19; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYYY 10
|||||
Db 1 RRCWGWYYY 10

RESULT 10
US-10-464-996-5/c
; Sequence 5, Application US/10464996
; Publication No. US2004010191A1
; GENERAL INFORMATION:
; APPLICANT: Deveraux, Quinn L.
; APPLICANT: Wagner, Klaus W.
; APPLICANT: Hampton, Garret M.
; APPLICANT: IRM LLC
; TITLE OF INVENTION: Diagnosis and Treatment of Chemoresistant Tumors
; FILE REFERENCE: 021288-001220US
; CURRENT APPLICATION NUMBER: US/10/464,996
; CURRENT FILING DATE: 2003-06-18
; PRIOR APPLICATION NUMBER: US 60/390,256
; PRIOR FILING DATE: 2002-06-18
; PRIOR APPLICATION NUMBER: US 60/456,585
; PRIOR FILING DATE: 2003-03-21
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:p53 consensus
; OTHER INFORMATION: element
US-10-464-996-5

Query Match 100.0%; Score 10; DB 19; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYYY 10
|||||
Db 10 RRCWGWYYY 1

RESULT 11
US-10-795-933-21
; Sequence 21, Application US/10795933
; Publication No. US20040259126A1

; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; FILE REFERENCE: D-0021-2
; CURRENT APPLICATION NUMBER: US/10/795,933
; CURRENT FILING DATE: 2004-03-08
; PRIOR APPLICATION NUMBER: US/08/260,190
; PRIOR FILING DATE: 1994-06-15
; PRIOR APPLICATION NUMBER: 08/177,093
; PRIOR FILING DATE: 1993-12-30
; PRIOR APPLICATION NUMBER: 07/964,589
; PRIOR FILING DATE: 1992-10-21
; PRIOR APPLICATION NUMBER: PV-709-92
; PRIOR FILING DATE: 1992-03-11
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 21
; LENGTH: 10
; TYPE: DNA
; ORGANISM: HUMAN
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (1)..(10)
US-10-795-933-21

Query Match 100.0%; Score 10; DB 20; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYYY 10
|||||
Db 1 RRCWGWYYY 10

RESULT 12
US-10-795-933-21/c
; Sequence 21, Application US/10795933
; Publication No. US20040259126A1
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; FILE REFERENCE: D-0021-2
; CURRENT APPLICATION NUMBER: US/10/795,933
; CURRENT FILING DATE: 2004-03-08
; PRIOR APPLICATION NUMBER: US/08/260,190
; PRIOR FILING DATE: 1994-06-15
; PRIOR APPLICATION NUMBER: 08/177,093
; PRIOR FILING DATE: 1993-12-30
; PRIOR APPLICATION NUMBER: 07/964,589
; PRIOR FILING DATE: 1992-10-21
; PRIOR APPLICATION NUMBER: PV-709-92
; PRIOR FILING DATE: 1992-03-11
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 21
; LENGTH: 10
; TYPE: DNA
; ORGANISM: HUMAN
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (1)..(10)
US-10-795-933-21

Query Match 100.0%; Score 10; DB 20; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYYY 10
|||||

```
Db      10 RRCRCWGYYY 1
;
; PRIOR APPLICATION NUMBER: 09/210,748
; PRIOR FILING DATE: 1998-12-15
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-939-581A-6

Query Match      100.0%; Score 10; DB 9; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRCRCWGYYY 10
      |||||
Db      1 RRCRCWGYYY 10
      |||||

RESULT 16
US-09-939-581A-6/c
; Sequence 6, Application US/09939581A
; Patent No. US20020102245A1
; GENERAL INFORMATION:
; APPLICANT: Hermeking, Heiko
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
; TITLE OF INVENTION: 14-3-3 SIGMA ARREST THE CELL CYCLE
; FILE REFERENCE: 1107.77810
; CURRENT APPLICATION NUMBER: US/09/939,581A
; CURRENT FILING DATE: 2001-08-28
; PRIOR APPLICATION NUMBER: 09/210,748
; PRIOR FILING DATE: 1998-12-15
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-939-581A-6

Query Match      100.0%; Score 10; DB 9; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRCRCWGYYY 10
      |||||
Db      20 RRCRCWGYYY 11
      |||||

RESULT 17
US-09-816-763-92
; Sequence 92, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 92
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

```
Db      10 RRCRCWGYYY 1
;
; Sequence 26, Application US/10450436
; Publication No. US20040077832A1
; GENERAL INFORMATION:
; APPLICANT: Yu, Jian
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; TITLE OF INVENTION: JFV1 induces rapid apoptosis
; FILE REFERENCE: 01107.00062
; CURRENT APPLICATION NUMBER: US/10/450,436
; CURRENT FILING DATE: 2003-06-18
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-450-436-26

Query Match      100.0%; Score 10; DB 18; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRCRCWGYYY 10
      |||||
Db      10 RRCRCWGYYY 19
      |||||

RESULT 14
US-10-450-436-26/c
; Sequence 26, Application US/10450436
; Publication No. US20040077832A1
; GENERAL INFORMATION:
; APPLICANT: Yu, Jian
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; TITLE OF INVENTION: JFV1 induces rapid apoptosis
; FILE REFERENCE: 01107.00062
; CURRENT APPLICATION NUMBER: US/10/450,436
; CURRENT FILING DATE: 2003-06-18
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-450-436-26

Query Match      100.0%; Score 10; DB 18; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRCRCWGYYY 10
      |||||
Db      19 RRCRCWGYYY 10
      |||||

RESULT 15
US-09-939-581A-6
; Sequence 6, Application US/09939581A
; Patent No. US20020102245A1
; GENERAL INFORMATION:
; APPLICANT: Hermeking, Heiko
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
; TITLE OF INVENTION: 14-3-3 SIGMA ARREST THE CELL CYCLE
; FILE REFERENCE: 1107.77810
; CURRENT APPLICATION NUMBER: US/09/939,581A
; CURRENT FILING DATE: 2001-08-28
```

```
; OTHER INFORMATION: Consensus sequence for transcriptional factor P53
US-09-816-763-92

Query Match      100.0%; Score 10; DB 9; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWGYY 10
   |||||
Db 1 RRCWGWGYY 10

RESULT 18
US-09-816-763-92/c
; Sequence 92, Application US/09816763
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 92
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence for transcriptional factor P53
US-09-816-763-92

Query Match      100.0%; Score 10; DB 9; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWGYY 10
   |||||
Db 20 RRCWGWGYY 11

RESULT 19
US-10-821-568-92
; Sequence 92, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DVI
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 92
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence for transcriptional factor P53
US-10-821-568-92

Query Match      100.0%; Score 10; DB 9; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWGYY 10
   |||||
Db 20 RRCWGWGYY 11

RESULT 20
US-10-821-568-92/c
; Sequence 92, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DVI
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 92
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence for transcriptional factor P53
US-10-821-568-92

Query Match      100.0%; Score 10; DB 19; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWGYY 10
   |||||
Db 1 RRCWGWGYY 10

RESULT 21
US-09-816-763-133
; Sequence 133, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 133
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc_feature
```

```
; OTHER INFORMATION: Consensus sequence for transcriptional factor P53
US-10-821-568-92

Query Match      100.0%; Score 10; DB 19; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWGYY 10
   |||||
Db 1 RRCWGWGYY 10

RESULT 20
US-10-821-568-92/c
; Sequence 92, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DVI
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 92
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence for transcriptional factor P53
US-10-821-568-92

Query Match      100.0%; Score 10; DB 19; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWGYY 10
   |||||
Db 20 RRCWGWGYY 11

RESULT 21
US-09-816-763-133
; Sequence 133, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 133
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc_feature
```

```
; LOCATION: (1)...(21)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-133

Query Match      100.0%; Score 10; DB 9; Length 21;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRRCWGYYY 10
Db      12 RRRCWGYYY 21

RESULT 22
US-09-816-763-133/c
; Sequence 133, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 133
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(21)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-133

Query Match      100.0%; Score 10; DB 9; Length 21;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRRCWGYYY 10
Db      21 RRRCWGYYY 12

RESULT 23
US-10-821-568-133
; Sequence 133, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; PRIOR FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 133
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(21)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-133

Query Match      100.0%; Score 10; DB 9; Length 21;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRRCWGYYY 10
Db      21 RRRCWGYYY 12

RESULT 23
US-10-821-568-133
; Sequence 133, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; PRIOR FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 133
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(21)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-133

Query Match      100.0%; Score 10; DB 19; Length 21;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRRCWGYYY 10
Db      12 RRRCWGYYY 21

RESULT 24
US-10-821-568-133/c
; Sequence 133, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 133
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(21)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-133

Query Match      100.0%; Score 10; DB 19; Length 21;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRRCWGYYY 10
Db      21 RRRCWGYYY 12

RESULT 25
US-09-816-763-134
; Sequence 134, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
```



```
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 134
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc_feature
; LOCATION: (1)..(22)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-134

Query Match          100.0%; Score 10; DB 9; Length 22;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
Db 13 RRCWGWYYY 22

RESULT 26
US-09-816-763-134/c
; Sequence 134, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; FILE REFERENCE: VANW212.001DV1
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 134
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc_feature
; LOCATION: (1)..(22)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-134

Query Match          100.0%; Score 10; DB 9; Length 22;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
Db 22 RRCWGWYYY 13

RESULT 27
US-10-821-568-134
; Sequence 134, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
```

```
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANW212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 134
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc_feature
; LOCATION: (1)..(22)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-134

Query Match          100.0%; Score 10; DB 19; Length 22;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
Db 13 RRCWGWYYY 22

RESULT 28
US-10-821-568-134/c
; Sequence 134, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: DETECTION AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; FILE REFERENCE: VANW212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 134
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc_feature
; LOCATION: (1)..(22)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-134

Query Match          100.0%; Score 10; DB 19; Length 22;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
Db 22 RRCWGWYYY 13

RESULT 29
```

```
US-09-816-763-135
; Sequence 135, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 135
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc_feature
; LOCATION: (1)...(23)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-135

Query Match          100.0%; Score 10; DB 9; Length 23;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRRCWGYYY 10
        |||||
Db       14 RRRCWGYYY 23

RESULT 30
US-09-816-763-135/c
; Sequence 135, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 135
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc_feature
; LOCATION: (1)...(23)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-135

Query Match          100.0%; Score 10; DB 9; Length 23;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRRCWGYYY 10
        |||||
Db       23 RRRCWGYYY 14
```

```
RESULT 31
US-10-821-568-135
; Sequence 135, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 135
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc_feature
; LOCATION: (1)...(23)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-135

Query Match          100.0%; Score 10; DB 19; Length 23;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRRCWGYYY 10
        |||||
Db       14 RRRCWGYYY 23

RESULT 32
US-10-821-568-135/c
; Sequence 135, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 135
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc_feature
; LOCATION: (1)...(23)
; OTHER INFORMATION: n = A,T,C or G
```

US-10-821-568-135

Query Match 100.0%; Score 10; DB 19; Length 23;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
Db 23 RRCWGWYYY 14

RESULT 33

US-09-816-763-136
; Sequence 136, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 136
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc feature
; LOCATION: (1)...(24)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-136

Query Match 100.0%; Score 10; DB 9; Length 24;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
Db 15 RRCWGWYYY 24

RESULT 34

US-09-816-763-136/c
; Sequence 136, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 136
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence

; NAME/KEY: misc feature
; LOCATION: (1)...(24)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-136

Query Match 100.0%; Score 10; DB 9; Length 24;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
Db 24 RRCWGWYYY 15

RESULT 35

US-10-821-568-136
; Sequence 136, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DVI
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 136
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc feature
; LOCATION: (1)...(24)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-136

Query Match 100.0%; Score 10; DB 19; Length 24;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
Db 15 RRCWGWYYY 24

RESULT 36

US-10-821-568-136/c
; Sequence 136, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DVI
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24

```
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 136
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc_feature
; LOCATION: (1)...(24)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-136

Query Match          100.0%; Score 10; DB 19; Length 24;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRCWGYY 10
Db 24 RRRCWGYY 15

RESULT 37
US-09-816-763-137
; Sequence 137, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 137
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc_feature
; LOCATION: (1)...(25)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-137

Query Match          100.0%; Score 10; DB 9; Length 25;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRCWGYY 10
Db 25 RRRCWGYY 16

RESULT 39
US-10-821-568-137
; Sequence 137, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 137
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc_feature
; LOCATION: (1)...(25)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-137

Query Match          100.0%; Score 10; DB 19; Length 25;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRCWGYY 10
Db 16 RRRCWGYY 25

RESULT 40
US-10-821-568-137/c
; Sequence 137, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
```

RESULT 41
US-09-816-763-138
; Sequence 138, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; FILE REFERENCE: VANM212.001DV1
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 137
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc feature
; LOCATION: (1)...(25)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-137
Query Match 100.0%; Score 10; DB 19; Length 25;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 RRCWGWYYY 10
Db 25 RRCWGWYYY 16

RESULT 42
US-09-816-763-138/c
; Sequence 138, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; FILE REFERENCE: VANM212.001AUS
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 138
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc feature
; LOCATION: (1)...(26)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-138
Query Match 100.0%; Score 10; DB 9; Length 26;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 RRCWGWYYY 10
Db 26 RRCWGWYYY 17

RESULT 43
US-10-821-568-138
; Sequence 138, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; FILE REFERENCE: VANM212.001DV1
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US/10/821,568
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 138
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc feature
; LOCATION: (1)...(26)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-138
Query Match 100.0%; Score 10; DB 19; Length 26;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 RRCWGWYYY 10
Db 26 RRCWGWYYY 17

RESULT 44
US-09-816-763-138
; Sequence 138, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; FILE REFERENCE: VANM212.001AUS
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 138
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc feature
; LOCATION: (1)...(26)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-138
Query Match 100.0%; Score 10; DB 19; Length 26;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 RRCWGWYYY 10
Db 17 RRCWGWYYY 26

```
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-139
Query Match      100.0%; Score 10; DB 9; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RRRCWGYYY 10
Db      18 RRRCWGYYY 27
      |||||
      |||||

RESULT 46
US-09-816-763-139/c
; Sequence 139, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 139
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (1)...(26)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-138
Query Match      100.0%; Score 10; DB 19; Length 26;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RRRCWGYYY 10
Db      26 RRRCWGYYY 17
      |||||
      |||||

RESULT 45
US-09-816-763-139
; Sequence 139, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 139
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (1)...(27)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-139
Query Match      100.0%; Score 10; DB 9; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RRRCWGYYY 10
Db      27 RRRCWGYYY 18
      |||||
      |||||

RESULT 47
US-10-821-568-139
; Sequence 139, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 139
; LENGTH: 27
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(27)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-139

Query Match      100.0%; Score 10; DB 19; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RRCWGWGYYY 10
Db      18 RRCWGWGYYY 27

RESULT 48
US-10-821-568-139/c
; Sequence 139, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 139
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc feature
; LOCATION: (1)..(27)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-139

Query Match      100.0%; Score 10; DB 19; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RRCWGWGYYY 10
Db      27 RRCWGWGYYY 18

RESULT 49
US-09-816-763-140
; Sequence 140, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
```

```
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 140
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc feature
; LOCATION: (1)..(28)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-140

Query Match      100.0%; Score 10; DB 9; Length 28;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RRCWGWGYYY 10
Db      19 RRCWGWGYYY 28

RESULT 50
US-09-816-763-140/c
; Sequence 140, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 140
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc feature
; LOCATION: (1)..(28)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-140

Query Match      100.0%; Score 10; DB 9; Length 28;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RRCWGWGYYY 10
Db      28 RRCWGWGYYY 19

RESULT 51
US-10-821-568-140
; Sequence 140, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
```

```
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 140
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc_feature
; LOCATION: (1)...(28)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-140

Query Match      100.0%; Score 10; DB 19; Length 28;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRCWGWYYY 10
      |||||
Db      19 RRCWGWYYY 28

RESULT 52
US-10-821-568-140/c
; Sequence 140, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 140
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc_feature
; LOCATION: (1)...(28)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-140

Query Match      100.0%; Score 10; DB 19; Length 28;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRCWGWYYY 10
      |||||
Db      28 RRCWGWYYY 19

RESULT 53
US-09-816-763-141
```

```
; Sequence 141, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 141
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc_feature
; LOCATION: (1)...(29)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-141

Query Match      100.0%; Score 10; DB 9; Length 29;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRCWGWYYY 10
      |||||
Db      20 RRCWGWYYY 29

RESULT 54
US-09-816-763-141/c
; Sequence 141, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 141
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc_feature
; LOCATION: (1)...(29)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-141

Query Match      100.0%; Score 10; DB 9; Length 29;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRCWGWYYY 10
      |||||
Db      29 RRCWGWYYY 20
```



```
RESULT 55
US-10-821-568-141
; Sequence 141, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 141
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc feature
; LOCATION: (1)...(29)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-141

Query Match      100.0%; Score 10; DB 19; Length 29;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYYY 10
Db 20 RRCWGWYYY 29
|||||

RESULT 56
US-10-821-568-141/c
; Sequence 141, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 141
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc feature
; LOCATION: (1)...(29)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-141

Query Match      100.0%; Score 10; DB 19; Length 29;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYYY 10
Db 20 RRCWGWYYY 29
|||||
```

```
Query Match      100.0%; Score 10; DB 19; Length 29;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYYY 10
Db 29 RRCWGWYYY 20
|||||

RESULT 57
US-09-816-763-142
; Sequence 142, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 142
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: p53 transcriptional factor consensus sequence
; NAME/KEY: misc feature
; LOCATION: (1)...(30)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-142

Query Match      100.0%; Score 10; DB 9; Length 30;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYYY 10
Db 21 RRCWGWYYY 30
|||||

RESULT 58
US-09-816-763-142/c
; Sequence 142, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 142
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: p53 transcriptional factor consensus sequence
; NAME/KEY: misc feature
US-09-816-763-142
```

```
; LOCATION: (1)....(30)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-142

Query Match      100.0%; Score 10; DB 9; Length 30;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYY 10
Db 30 RRCWGWYY 21

RESULT 59
US-10-821-568-142
; Sequence 142, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; PRIOR FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 142
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)....(30)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-142

Query Match      100.0%; Score 10; DB 19; Length 30;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYY 10
Db 30 RRCWGWYY 21

RESULT 60
US-10-821-568-142/c
; Sequence 142, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; PRIOR FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 142
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)....(30)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-143
; Sequence 143, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 143
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc_feature
; LOCATION: (1)....(31)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-143

Query Match      100.0%; Score 10; DB 9; Length 31;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYY 10
Db 22 RRCWGWYY 31

RESULT 62
US-09-816-763-143/c
; Sequence 143, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
```

```
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 143
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc feature
; LOCATION: (1)...(31)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-143

Query Match      100.0%; Score 10; DB 9; Length 31;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RRCWGWYYY 10
Db      31 RRCWGWYYY 22

RESULT 63
US-10-821-568-143
; Sequence 143, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 143
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
US-10-821-568-143

Query Match      100.0%; Score 10; DB 19; Length 31;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RRCWGWYYY 10
Db      31 RRCWGWYYY 22

RESULT 65
US-09-816-763-144
; Sequence 144, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 144
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc feature
; LOCATION: (1)...(32)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-144

Query Match      100.0%; Score 10; DB 9; Length 32;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RRCWGWYYY 10
Db      23 RRCWGWYYY 32

RESULT 66
US-10-821-568-143/c
; Sequence 143, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
```

```
US-09-816-763-144/c
; Sequence 144, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 144
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: p53 transcriptional factor consensus sequence
; NAME/KEY: misc_Feature
; LOCATION: (1)...(32)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-144

Query Match      100.0%; Score 10; DB 9; Length 32;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRCWGWYYY 10
        |||||
Db      32 RRCWGWYYY 23

RESULT 67
US-10-821-568-144
; Sequence 144, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 144
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc_Feature
; LOCATION: (1)...(32)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-144

Query Match      100.0%; Score 10; DB 19; Length 32;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRCWGWYYY 10
        |||||
Db      32 RRCWGWYYY 23

US-09-813-824b-3.oligosizlim.rnpb

RESULT 68
US-10-821-568-144/c
; Sequence 144, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 144
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc_Feature
; LOCATION: (1)...(32)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-144

Query Match      100.0%; Score 10; DB 19; Length 32;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRCWGWYYY 10
        |||||
Db      32 RRCWGWYYY 23

RESULT 69
US-10-821-568-145
; Sequence 145, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 145
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc_Feature
; LOCATION: (1)...(32)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-144

Query Match      100.0%; Score 10; DB 19; Length 32;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
; NAME/KEY: misc_feature
; LOCATION: (1)...(33)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-145

Query Match      100.0%; Score 10; DB 19; Length 33;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
Db 24 RRCWGWYYY 33

RESULT 70
US-10-821-568-145/c
; Sequence 145, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 145
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc_feature
; LOCATION: (1)...(33)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-145

Query Match      100.0%; Score 10; DB 19; Length 33;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
Db 33 RRCWGWYYY 24

RESULT 71
US-09-816-763-145
; Sequence 145, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 145
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc_feature
; LOCATION: (1)...(33)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-145

Query Match      100.0%; Score 10; DB 19; Length 33;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
Db 33 RRCWGWYYY 24

RESULT 72
US-09-816-763-145/c
; Sequence 145, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 145
; LENGTH: 34
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc_feature
; LOCATION: (1)...(34)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-145

Query Match      100.0%; Score 10; DB 9; Length 34;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
Db 33 RRCWGWYYY 24

RESULT 73
US-10-017-178-5
; Sequence 5, Application US/10017178
; Publication No. US20020142287A1
; GENERAL INFORMATION:
; APPLICANT: Yamamoto, Hirotaka
; APPLICANT: Moskal, Joseph R.
; TITLE OF INVENTION: High Throughput Assay to Detect Inhibitors of the MAP Kinase Path
; FILE REFERENCE: 99,123-D
; CURRENT APPLICATION NUMBER: US/10/017,178
; CURRENT FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: US 60/255,548
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
```

```
; SEQ ID NO 145
; LENGTH: 34
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc_feature
; LOCATION: (1)...(34)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-145

Query Match      100.0%; Score 10; DB 9; Length 34;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
Db 24 RRCWGWYYY 33

RESULT 72
US-09-816-763-145/c
; Sequence 145, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 145
; LENGTH: 34
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc_feature
; LOCATION: (1)...(34)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-145

Query Match      100.0%; Score 10; DB 9; Length 34;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
Db 33 RRCWGWYYY 24

RESULT 73
US-10-017-178-5
; Sequence 5, Application US/10017178
; Publication No. US20020142287A1
; GENERAL INFORMATION:
; APPLICANT: Yamamoto, Hirotaka
; APPLICANT: Moskal, Joseph R.
; TITLE OF INVENTION: High Throughput Assay to Detect Inhibitors of the MAP Kinase Path
; FILE REFERENCE: 99,123-D
; CURRENT APPLICATION NUMBER: US/10/017,178
; CURRENT FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: US 60/255,548
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
```

; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR primer
US-10-017-178-5

Query Match 40.0%; Score 4; DB 13; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Gaps 0;

QY 6 WGY 9
|||
Db 6 WGY 9

RESULT 74

US-10-017-178-5/c
; Sequence 5, Application US/10017178
; Publication No. US20020142287A1
; GENERAL INFORMATION:
; APPLICANT: Yamamoto, Hirotsuka
; APPLICANT: Moskalev, Joseph R.
; TITLE OF INVENTION: High Throughput Assay to Detect Inhibitors of the MAP Kinase Path
; FILE REFERENCE: 99,123-D
; CURRENT APPLICATION NUMBER: US/10/017,178
; PRIOR FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: US 60/255,548
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR primer
US-10-017-178-5

Query Match 40.0%; Score 4; DB 13; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Gaps 0;

QY 2 RRCW 5
|||
Db 9 RRCW 6

RESULT 75.

US-10-636-065-212
; Sequence 212, Application US/10636065
; Publication No. US20040127694A1
; GENERAL INFORMATION:
; APPLICANT: Korneluk, Robert G.
; APPLICANT: Lacasse, Eric
; APPLICANT: Baird, Stephen
; APPLICANT: Holcik, Martin
; APPLICANT: Young, Sean
; TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
; FILE REFERENCE: 07891/025005
; CURRENT APPLICATION NUMBER: US/10/636,065
; PRIOR FILING DATE: 2003-08-07
; PRIOR APPLICATION NUMBER: 09/672,717
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 212
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

; NAME/KEY: modified_base
; LOCATION: 1,17,18
; OTHER INFORMATION: y=um
; NAME/KEY: modified_base
; LOCATION: 19
; OTHER INFORMATION: y=cm
; FEATURE:
; OTHER INFORMATION: based on Homo sapiens
US-10-636-065-212

Query Match 40.0%; Score 4; DB 19; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GYY 10
|||
Db 16 GYY 19

RESULT 76

US-10-636-065-212/c
; Sequence 212, Application US/10636065
; Publication No. US20040127694A1
; GENERAL INFORMATION:
; APPLICANT: Korneluk, Robert G.
; APPLICANT: Lacasse, Eric
; APPLICANT: Baird, Stephen
; APPLICANT: Holcik, Martin
; APPLICANT: Young, Sean
; TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
; FILE REFERENCE: 07891/025005
; CURRENT APPLICATION NUMBER: US/10/636,065
; PRIOR FILING DATE: 2003-08-07
; PRIOR APPLICATION NUMBER: 09/672,717
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 212
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 1,17,18
; OTHER INFORMATION: y=um
; NAME/KEY: modified_base
; LOCATION: 19
; OTHER INFORMATION: y=cm
; FEATURE:
; OTHER INFORMATION: based on Homo sapiens
US-10-636-065-212

Query Match 40.0%; Score 4; DB 19; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRC 4
|||
Db 19 RRC 16

RESULT 77

US-10-407-897-50
; Sequence 50, Application US/10407897
; Publication No. US20040072148A1
; GENERAL INFORMATION:
; APPLICANT: Ji, Jiping
; APPLICANT: Manak, Mark
; APPLICANT: Gonzalez, Irene
; TITLE OF INVENTION: Simultaneous Detection of HBV, HCV, and HIV in Plasma Samples
; TITLE OF INVENTION: Using a Multiplex Capture Assay
; FILE REFERENCE: 1589.0280002

; CURRENT APPLICATION NUMBER: US/10/407,897
; CURRENT FILING DATE: 2003-04-07
; PRIOR APPLICATION NUMBER: 10/130,533
; PRIOR FILING DATE: 2002-11-17
; PRIOR APPLICATION NUMBER: PCT/ US00/31738
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: US 60/165,916
; PRIOR FILING DATE: 1999-11-17
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 50
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Primer
US-10-407-897-50

Query Match 40.0%; Score 4; DB 18; Length 21;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 RRCW 5
Db 11 RRCW 14

RESULT 78
US-10-407-897-50/c
; Sequence 50, Application US/10407897
; Publication No. US20040072148A1
; GENERAL INFORMATION:
; APPLICANT: Ji, Jiuping
; APPLICANT: Manak, Mark
; APPLICANT: Gonzalez, Irene
; TITLE OF INVENTION: Simultaneous Detection of HBV, HCV, and HIV in Plasma Samples
; FILE REFERENCE: 1589.028002
; CURRENT APPLICATION NUMBER: US/10/407,897
; CURRENT FILING DATE: 2003-04-07
; PRIOR APPLICATION NUMBER: 10/130,533
; PRIOR FILING DATE: 2002-11-17
; PRIOR APPLICATION NUMBER: PCT/ US00/31738
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: US 60/165,916
; PRIOR FILING DATE: 1999-11-17
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 50
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Primer
US-10-407-897-50

Query Match 40.0%; Score 4; DB 18; Length 21;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6 WGYY 9
Db 14 WGYY 11

RESULT 79
US-10-225-519-16
; Sequence 16, Application US/10225519
; Publication No. US20030086940A1
; GENERAL INFORMATION:
; APPLICANT: Costa, Cristina
; APPLICANT: Pizzolato, Maryellen C.
; APPLICANT: Fodor, William L.

; TITLE OF INVENTION: AN ENGINEERED RECOMBINANT MOLECULE THAT REGULATES HUMORAL AND CEI
; FILE REFERENCE: 33-CIP
; CURRENT APPLICATION NUMBER: US/10/225,519
; CURRENT FILING DATE: 2002-08-20
; PRIOR APPLICATION NUMBER: US 09/928,267
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/29151
; PRIOR FILING DATE: 2000-10-21
; PRIOR APPLICATION NUMBER: US 60/161,186
; PRIOR FILING DATE: 1999-10-22
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 5' forward primer.
US-10-225-519-16

Query Match 40.0%; Score 4; DB 14; Length 25;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GYYY 10
Db 19 GYYY 22

RESULT 80
US-10-225-519-16/c
; Sequence 16, Application US/10225519
; Publication No. US20030086940A1
; GENERAL INFORMATION:
; APPLICANT: Costa, Cristina
; APPLICANT: Pizzolato, Maryellen C.
; APPLICANT: Fodor, William L.
; TITLE OF INVENTION: AN ENGINEERED RECOMBINANT MOLECULE THAT REGULATES HUMORAL AND CEI
; FILE REFERENCE: 33-CIP
; CURRENT APPLICATION NUMBER: US/10/225,519
; CURRENT FILING DATE: 2002-08-20
; PRIOR APPLICATION NUMBER: US 09/928,267
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/29151
; PRIOR FILING DATE: 2000-10-21
; PRIOR APPLICATION NUMBER: US 60/161,186
; PRIOR FILING DATE: 1999-10-22
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 5' forward primer.
US-10-225-519-16

Query Match 40.0%; Score 4; DB 14; Length 25;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRRC 4
Db 22 RRRRC 19

RESULT 81
US-09-780-651-3
; Sequence 3, Application US/09780651
; Patent No. US20020048756A1
; GENERAL INFORMATION:

; APPLICANT: Robinson, Daniel
; APPLICANT: Kung, Hsing-Jien
; TITLE OF INVENTION: Analysis of Gene Family Expression
; FILE REFERENCE: CASE-06110
; CURRENT APPLICATION NUMBER: US/09/780,651
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 09/073,407
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-780-651-3

Query Match 40.0%; Score 4; DB 9; Length 27;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 WWCY 8
DB 16 WWCY 19

RESULT 82
US-09-780-651-3/c
; Sequence 3, Application US/09780651
; Patent No. US20020048756A1
; GENERAL INFORMATION:
; APPLICANT: Robinson, Daniel
; APPLICANT: Kung, Hsing-Jien
; TITLE OF INVENTION: Analysis of Gene Family Expression
; FILE REFERENCE: CASE-06110
; CURRENT APPLICATION NUMBER: US/09/780,651
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 09/073,407
; PRIOR FILING DATE: 1998-05-06
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-780-651-3

Query Match 40.0%; Score 4; DB 9; Length 27;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RCWW 6
DB 19 RCWW 16

RESULT 83
US-10-658-093-51
; Sequence 51, Application US/10658093
; Publication No. US20040115704A1
; GENERAL INFORMATION:
; APPLICANT: Daly, John Michael
; TITLE OF INVENTION: Constructs for Gene Expression Analysis
; FILE REFERENCE: 1217722
; CURRENT APPLICATION NUMBER: US/10/658,093
; CURRENT FILING DATE: 2003-09-09
; PRIOR APPLICATION NUMBER: USSN 60/274770
; PRIOR FILING DATE: 2001-03-09
; PRIOR APPLICATION NUMBER: PCT/AU02/00351
; PRIOR FILING DATE: 2001-03-08

; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 51
; LENGTH: 30
; TYPE: RNA
; ORGANISM: mammalian
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: n = from 20-40 nucleotides, wherein individual nucleotides are
; OTHER INFORMATION: selected from any nucleotide
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: n is a, c, g, or u
US-10-658-093-51

Query Match 40.0%; Score 4; DB 19; Length 30;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRC 4
DB 21 RRRC 24

RESULT 84
US-10-658-093-51/c
; Sequence 51, Application US/10658093
; Publication No. US20040115704A1
; GENERAL INFORMATION:
; APPLICANT: Daly, John Michael
; TITLE OF INVENTION: Constructs for Gene Expression Analysis
; FILE REFERENCE: 1217722
; CURRENT APPLICATION NUMBER: US/10/658,093
; CURRENT FILING DATE: 2003-09-09
; PRIOR APPLICATION NUMBER: USSN 60/274770
; PRIOR FILING DATE: 2001-03-09
; PRIOR APPLICATION NUMBER: PCT/AU02/00351
; PRIOR FILING DATE: 2001-03-08
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 51
; LENGTH: 30
; TYPE: RNA
; ORGANISM: mammalian
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: n = from 20-40 nucleotides, wherein individual nucleotides are
; OTHER INFORMATION: selected from any nucleotide
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: n is a, c, g, or u
US-10-658-093-51

Query Match 40.0%; Score 4; DB 19; Length 30;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRC 4
DB 14 RRRC 11

RESULT 85
US-10-658-093-52
; Sequence 52, Application US/10658093
; Publication No. US20040115704A1
; GENERAL INFORMATION:
; APPLICANT: Daly, John Michael
; TITLE OF INVENTION: Constructs for Gene Expression Analysis

RESULT 87
US-10-658-093-51
; Sequence 51, Application US/10658093
; Publication No. US20040209274A2
; GENERAL INFORMATION:
; APPLICANT: Daly, John Michael
; TITLE OF INVENTION: Constructs for Gene Expression Analysis
; FILE REFERENCE: 12177722
; CURRENT APPLICATION NUMBER: US/10/658,093
; CURRENT FILING DATE: 2003-09-09
; PRIOR APPLICATION NUMBER: USSN 60/274770
; PRIOR FILING DATE: 2001-03-09
; PRIOR APPLICATION NUMBER: PCT/AU02/00351
; PRIOR FILING DATE: 2001-03-08
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 51
; LENGTH: 30
; TYPE: DNA
; ORGANISM: mammalian
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: n = from 20-40 nucleotides, wherein individual nucleotides are
; OTHER INFORMATION: selected from any nucleotide
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: n is a, c, g, or t
US-10-658-093-52

Query Match 40.0%; Score 4; DB 19; Length 30;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRC 4
|||
Db 21 RRRC 24

RESULT 86
US-10-658-093-52/c
; Sequence 52, Application US/10658093
; Publication No. US20040115704A1
; GENERAL INFORMATION:
; APPLICANT: Daly, John Michael
; TITLE OF INVENTION: Constructs for Gene Expression Analysis
; FILE REFERENCE: 12177722
; CURRENT APPLICATION NUMBER: US/10/658,093
; CURRENT FILING DATE: 2003-09-09
; PRIOR APPLICATION NUMBER: USSN 60/274770
; PRIOR FILING DATE: 2001-03-09
; PRIOR APPLICATION NUMBER: PCT/AU02/00351
; PRIOR FILING DATE: 2001-03-08
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 52
; LENGTH: 30
; TYPE: DNA
; ORGANISM: mammalian
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: n = from 20-40 nucleotides, wherein individual nucleotides are
; OTHER INFORMATION: selected from any nucleotide
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: n is a, c, g, or t
US-10-658-093-52

Query Match 40.0%; Score 4; DB 19; Length 30;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRC 4
|||
Db 14 RRRC 11

RESULT 87
US-10-658-093-51
; Sequence 51, Application US/10658093
; Publication No. US20040209274A2
; GENERAL INFORMATION:
; APPLICANT: Daly, John Michael
; TITLE OF INVENTION: Constructs for Gene Expression Analysis
; FILE REFERENCE: 12177722
; CURRENT APPLICATION NUMBER: US/10/658,093
; CURRENT FILING DATE: 2003-09-09
; PRIOR APPLICATION NUMBER: USSN 60/274770
; PRIOR FILING DATE: 2001-03-09
; PRIOR APPLICATION NUMBER: PCT/AU02/00351
; PRIOR FILING DATE: 2001-03-08
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 51
; LENGTH: 30
; TYPE: RNA
; ORGANISM: mammalian
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: n = from 20-40 nucleotides, wherein individual nucleotides are
; OTHER INFORMATION: selected from any nucleotide
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: n is a, c, g, or u
US-10-658-093-51

Query Match 40.0%; Score 4; DB 20; Length 30;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRC 4
|||
Db 21 RRRC 24

RESULT 88
US-10-658-093-51/c
; Sequence 51, Application US/10658093
; Publication No. US20040209274A2
; GENERAL INFORMATION:
; APPLICANT: Daly, John Michael
; TITLE OF INVENTION: Constructs for Gene Expression Analysis
; FILE REFERENCE: 12177722
; CURRENT APPLICATION NUMBER: US/10/658,093
; CURRENT FILING DATE: 2003-09-09
; PRIOR APPLICATION NUMBER: USSN 60/274770
; PRIOR FILING DATE: 2001-03-09
; PRIOR APPLICATION NUMBER: PCT/AU02/00351
; PRIOR FILING DATE: 2001-03-08
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 51
; LENGTH: 30
; TYPE: RNA
; ORGANISM: mammalian
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: n = from 20-40 nucleotides, wherein individual nucleotides are
; OTHER INFORMATION: selected from any nucleotide
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: n is a, c, g, or u
US-10-658-093-51

Query Match 40.0%; Score 4; DB 20; Length 30;
Best Local Similarity 100.0%; Pred. No. 0;

Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RREC 4
Db 14 RREC 11

RESULT 89

US-10-658-093-52
; Sequence 52, Application US/10658093
; Publication No. US20040209274A2
; GENERAL INFORMATION:
; APPLICANT: Daly, John Michael
; TITLE OF INVENTION: Constructs for Gene Expression Analysis
; FILE REFERENCE: 1217722
; CURRENT APPLICATION NUMBER: US/10/658,093
; CURRENT FILING DATE: 2003-09-09
; PRIOR APPLICATION NUMBER: USSN 60/274770
; PRIOR FILING DATE: 2001-03-09
; PRIOR APPLICATION NUMBER: PCT/AU02/00351
; PRIOR FILING DATE: 2001-03-08
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 52
; LENGTH: 30
; TYPE: DNA
; ORGANISM: mammalian
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: n = from 20-40 nucleotides, wherein individual nucleotides are
; OTHER INFORMATION: selected from any nucleotide
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: n is a, c, g, or t
; US-10-658-093-52

Query Match 40.0%; Score 4; DB 20; Length 30;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RREC 4
Db 21 RREC 24

RESULT 90

US-10-658-093-52/c
; Sequence 52, Application US/10658093
; Publication No. US20040209274A2
; GENERAL INFORMATION:
; APPLICANT: Daly, John Michael
; TITLE OF INVENTION: Constructs for Gene Expression Analysis
; FILE REFERENCE: 1217722
; CURRENT APPLICATION NUMBER: US/10/658,093
; CURRENT FILING DATE: 2003-09-09
; PRIOR APPLICATION NUMBER: USSN 60/274770
; PRIOR FILING DATE: 2001-03-09
; PRIOR APPLICATION NUMBER: PCT/AU02/00351
; PRIOR FILING DATE: 2001-03-08
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 52
; LENGTH: 30
; TYPE: DNA
; ORGANISM: mammalian
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: n = from 20-40 nucleotides, wherein individual nucleotides are
; OTHER INFORMATION: selected from any nucleotide
; FEATURE:

; NAME/KEY: misc feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: n is a, c, g, or t
; US-10-658-093-52

Query Match 40.0%; Score 4; DB 20; Length 30;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RREC 4
Db 14 RREC 11

RESULT 91

US-09-179-536B-320
; Sequence 320, Application US/09179536B
; Patent No. US20020042112A1
; GENERAL INFORMATION:
; APPLICANT: Hubert K ster
; David M. Lough
; Guobing Xiang
; TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
; NUMBER OF SEQUENCES: 320
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehrman White & McAuliffe
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/179,536B
; FILING DATE: 26-Oct-1998
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US97/20444
; FILING DATE: 08-NOV-1997
; APPLICATION NUMBER: 08/947,801
; FILING DATE: 08-Oct-97
; APPLICATION NUMBER: 08/933,792
; FILING DATE: 19-Sep-97
; APPLICATION NUMBER: 08/787,639
; FILING DATE: 23-Jan-97
; APPLICATION NUMBER: 08/786,988
; FILING DATE: 23-Jan-97
; APPLICATION NUMBER: 08/746,055
; FILING DATE: 06-No. US20020042112A1-96
; APPLICATION NUMBER: 08/746,036
; FILING DATE: 06-No. US20020042112A1-96
; APPLICATION NUMBER: 08/744,590
; FILING DATE: 06-No. US20020042112A1-96
; APPLICATION NUMBER: 08/744,481
; FILING DATE: 06-No. US20020042112A1-96

ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie L
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24736-2004B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 858-450-8400
TELEFAX: 858-587-5360
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 320:
SEQUENCE CHARACTERISTICS:
LENGTH: 38 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown

MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: <Unknown>
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 320;
US-09-179-536B-320

Query Match 40.0%; Score 4; DB 9; Length 38;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CWG 7
Db 33 CWG 36

RESULT 92
US-09-179-536B-320/c
; Sequence 320, Application US/09179536B
; Patent No. US20020042112A1
; GENERAL INFORMATION:
; APPLICANT: Hubert K ster
; David M. Lough
; Guobing Xiang
; TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
; NUMBER OF SEQUENCES: 320
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehrman White & McAuliffe
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/179,536B
; FILING DATE: 26-Oct-1998
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US97/20444
; FILING DATE: 06-NOV-1997
; APPLICATION NUMBER: 08/947,801
; FILING DATE: 08-Oct-97
; APPLICATION NUMBER: 08/933,792
; FILING DATE: 19-Sep-97
; APPLICATION NUMBER: 08/787,639
; FILING DATE: 23-Jan-97
; APPLICATION NUMBER: 08/786,988
; FILING DATE: 23-Jan-97
; APPLICATION NUMBER: 08/746,055
; FILING DATE: 06-No. US20020042112A1-96
; APPLICATION NUMBER: 08/746,036
; FILING DATE: 06-No. US20020042112A1-96
; APPLICATION NUMBER: 08/744,590
; FILING DATE: 06-No. US20020042112A1-96
; APPLICATION NUMBER: 08/744,481
; FILING DATE: 06-No. US20020042112A1-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Seidman, Stephanie L
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 24736-2004B
; TELEPHONE: 858-450-8400
; TELEFAX: 858-587-5360
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 320:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 38 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: <Unknown>
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 320;
US-09-179-536B-320

Query Match 40.0%; Score 4; DB 9; Length 38;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CWG 7
Db 36 CWG 33

RESULT 93
US-09-297-576A-320
; Sequence 320, Application US/09297576A
; Publication No. US20030129589A1
; GENERAL INFORMATION:
; APPLICANT: KOSTER, Hubert
; APPLICANT: LITTLE, Daniel P.
; APPLICANT: BRAUN, Andreas
; APPLICANT: LOUGH, David M.
; APPLICANT: XIANG, Guobing
; APPLICANT: VAN DEN BOOM, Dirk
; APPLICANT: JURINKE, Christian
; APPLICANT: RUPPERT, Andreas
; TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
; NUMBER OF SEQUENCES: 320
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehrman White & McAuliffe
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/297,576A
; FILING DATE: 07-Jun-2000
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/947,801
; FILING DATE: 08-Oct-97
; APPLICATION NUMBER: 08/933,792
; FILING DATE: 19-Sep-97
; APPLICATION NUMBER: 08/787,639
; FILING DATE: 23-Jan-97
; APPLICATION NUMBER: 08/786,988
; FILING DATE: 23-Jan-97
; APPLICATION NUMBER: 08/746,055
; FILING DATE: 06-No. US20030129589A1-96
; APPLICATION NUMBER: 08/746,036
; FILING DATE: 06-No. US20030129589A1-96
; APPLICATION NUMBER: 08/744,590
; FILING DATE: 06-No. US20030129589A1-96
; APPLICATION NUMBER: 08/744,481
; FILING DATE: 06-No. US20030129589A1-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Seidman, Stephanie L
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 24736-2004
; TELECOMMUNICATION INFORMATION:

TELEPHONE: 858-450-8400
TELEFAX: 858-450-8499
INFORMATION FOR SEQ ID NO: 320:
SEQUENCE CHARACTERISTICS:
LENGTH: 38 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: <Unknown>
ORIGINAL SOURCE:
US-09-297-576A-320

Query Match 40.0%; Score 4; DB 10; Length 38;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CWMG 7
Db 33 CWMG 36

RESULT 94
US-09-297-576A-320/c
Sequence 320, Application US/09297576A
Publication No. US20030129589A1
GENERAL INFORMATION:
APPLICANT: KOSTER, Hubert
APPLICANT: LITTLE, Daniel P.
APPLICANT: BRAUN, Andreas
APPLICANT: LOUGH, David M.
APPLICANT: XIANG, Guobing
APPLICANT: VAN DEN BOOM, Dirk
APPLICANT: JURINKE, Christian
APPLICANT: RUPPERT, Andreas
TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
NUMBER OF SEQUENCES: 320
CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/297,576A
FILING DATE: 07-Jun-2000
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/947,801
FILING DATE: 08-Oct-97
APPLICATION NUMBER: 08/933,792
FILING DATE: 19-Sep-97
APPLICATION NUMBER: 08/787,639
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/786,988
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/746,055
FILING DATE: 06-No. US20030129589A1-96
APPLICATION NUMBER: 08/746,036
FILING DATE: 06-No. US20030129589A1-96
APPLICATION NUMBER: 08/744,590
FILING DATE: 06-No. US20030129589A1-96
APPLICATION NUMBER: 08/744,481
FILING DATE: 06-No. US20030129589A1-96
ATTORNEY/AGENT INFORMATION:

NAME: Seidman, Stephanie L
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24736-2004
TELECOMMUNICATION INFORMATION:
TELEPHONE: 858-450-8400
TELEFAX: 858-450-8499
INFORMATION FOR SEQ ID NO: 320:
SEQUENCE CHARACTERISTICS:
LENGTH: 38 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: <Unknown>
ORIGINAL SOURCE:
US-09-297-576A-320

Query Match 40.0%; Score 4; DB 10; Length 38;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CWMG 7
Db 36 CWMG 33

RESULT 95
US-10-669-162C-387
Sequence 387, Application US/10669162C
Publication No. US20050053951A1
GENERAL INFORMATION:
APPLICANT: Breaker, Ronald R.
APPLICANT: Nahvi, Ali
APPLICANT: Sudarsan, Narasimhan
APPLICANT: Ebert, Margaret S.
APPLICANT: Winkler, Wade
APPLICANT: Barrick, Jeffrey E.
APPLICANT: Wickiser, John K.
TITLE OF INVENTION: RIBOSWITCHES, METHODS FOR THEIR USE, AND
TITLE OF INVENTION: COMPOSITIONS FOR USE WITH RIBOSWITCHES
FILE REFERENCE: 25006.0018U2
CURRENT APPLICATION NUMBER: US/10/669,162C
CURRENT FILING DATE: 2003-09-22
PRIOR APPLICATION NUMBER: 60/412,468
PRIOR FILING DATE: 2002-09-20
NUMBER OF SEQ ID NOS: 410
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 387
LENGTH: 50
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:/Note =
OTHER INFORMATION: synthetic construct
FEATURE:
NAME/KEY: misc feature
LOCATION: 10, 15
OTHER INFORMATION: k = g or u
FEATURE:
NAME/KEY: misc feature
LOCATION: 1, 11, 14, 30-32
OTHER INFORMATION: n = g, a, c or u
FEATURE:
NAME/KEY: misc feature
LOCATION: 7, 12, 18-21, 27, 43-44, 48-50
OTHER INFORMATION: r = a or g
FEATURE:
NAME/KEY: misc feature
LOCATION: 4-6, 17, 37
OTHER INFORMATION: y = c or u
US-10-669-162C-387

Query Match 40.0%; Score 4; DB 21; Length 50;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RREC 4
Db 19 RREC 22

RESULT 96
US-10-669-162C-387/c
; Sequence 387, Application US/10669162C
; Publication No. US20050053951A1
; GENERAL INFORMATION:
; APPLICANT: Breaker, Ronald R.
; APPLICANT: Nahvi, Ali
; APPLICANT: Sudarsan, Narasimhan
; APPLICANT: Ebert, Margaret S.
; APPLICANT: Winkler, Wade
; APPLICANT: Barrick, Jeffrey E.
; APPLICANT: Wickiser, John K.
; TITLE OF INVENTION: RIBOSWITCHES, METHODS FOR THEIR USE, AND
; TITLE OF INVENTION: COMPOSITIONS FOR USE WITH RIBOSWITCHES
; FILE REFERENCE: 25006.001602
; CURRENT APPLICATION NUMBER: US/10/669,162C
; CURRENT FILING DATE: 2003-09-22
; PRIOR APPLICATION NUMBER: 60/412,468
; PRIOR FILING DATE: 2002-09-20
; NUMBER OF SEQ ID NOS: 410
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 387
; LENGTH: 50
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:/Note =
; OTHER INFORMATION: synthetic construct
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 10, 15
; OTHER INFORMATION: k = g or u
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1, 11, 14, 30-32
; OTHER INFORMATION: n = g, a, c or u
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 7, 12, 18-21, 27, 43-44, 48-50
; OTHER INFORMATION: r = a or g
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 4-6, 17, 37
; OTHER INFORMATION: y = c or u

Query Match 40.0%; Score 4; DB 21; Length 50;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GYYY 10
Db 22 GYYY 19

RESULT 97
US-10-293-252C-5
; Sequence 5, Application US/10293252C
; Publication No. US20040103449A1
; GENERAL INFORMATION:
; APPLICANT: Xu, Dongemi
; TITLE OF INVENTION: Identification and Use of Cytochrome
; TITLE OF INVENTION: P450 Nucleic Acid Sequences from Tobacco

FILE REFERENCE: 78127
; CURRENT APPLICATION NUMBER: US/10/293,252C
; CURRENT FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: 60/363,684
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/347,444
; PRIOR FILING DATE: 2002-01-11
; PRIOR APPLICATION NUMBER: 60/337,684
; PRIOR FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 152
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 4
; TYPE: DNA
; ORGANISM: Nicotiana
US-10-293-252C-5

Query Match 30.0%; Score 3; DB 19; Length 4;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
Db 2 RRC 4

RESULT 98
US-10-293-252C-5/c
; Sequence 5, Application US/10293252C
; Publication No. US20040103449A1
; GENERAL INFORMATION:
; APPLICANT: Xu, Dongemi
; TITLE OF INVENTION: Identification and Use of Cytochrome
; TITLE OF INVENTION: P450 Nucleic Acid Sequences from Tobacco
; FILE REFERENCE: 78127
; CURRENT APPLICATION NUMBER: US/10/293,252C
; CURRENT FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: 60/363,684
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/347,444
; PRIOR FILING DATE: 2002-01-11
; PRIOR APPLICATION NUMBER: 60/337,684
; PRIOR FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 152
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 4
; TYPE: DNA
; ORGANISM: Nicotiana
US-10-293-252C-5

Query Match 30.0%; Score 3; DB 19; Length 4;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GYY 9
Db 4 GYY 2

RESULT 99
US-10-340-861B-5
; Sequence 5, Application US/10340861B
; Publication No. US20040111759A1
; GENERAL INFORMATION:
; APPLICANT: Xu, Dongemi
; TITLE OF INVENTION: Identification and Use of Cytochrome
; TITLE OF INVENTION: P450 Nucleic Acid Sequences from Tobacco
; FILE REFERENCE: 78406
; CURRENT APPLICATION NUMBER: US/10/340,861B
; CURRENT FILING DATE: 2003-01-10
; PRIOR APPLICATION NUMBER: 10/293,252
; PRIOR FILING DATE: 2002-11-13

```
; PRIOR APPLICATION NUMBER: 60/363,684
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/347,444
; PRIOR FILING DATE: 2002-01-11
; PRIOR APPLICATION NUMBER: 60/337,684
; PRIOR FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 184
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 4
; TYPE: DNA
; ORGANISM: Nicotiana
US-10-340-861B-5

Query Match          30.0%; Score 3; DB 19; Length 4;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 RRC 4
Db      2 RRC 4

RESULT 100
US-10-340-861B-5/c
; Sequence 5, Application US/10340861B
; Publication No. US20040111759A1
; GENERAL INFORMATION:
; APPLICANT: Xu, Dongmei
; TITLE OF INVENTION: Identification and Use of Cytochrome
; FILE REFERENCE: 78406
; CURRENT APPLICATION NUMBER: US/10/340,861B
; CURRENT FILING DATE: 2003-01-10
; PRIOR APPLICATION NUMBER: 10/293,252
; PRIOR FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: 60/363,684
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/347,444
; PRIOR FILING DATE: 2002-01-11
; PRIOR APPLICATION NUMBER: 60/337,684
; PRIOR FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 184
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 4
; TYPE: DNA
; ORGANISM: Nicotiana
US-10-340-861B-5

Query Match          30.0%; Score 3; DB 19; Length 4;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GY 9
Db      4 GY 2

RESULT 101
US-10-253-117-1
; Sequence 1, Application US/10253117
; Publication No. US20030119773A1
; GENERAL INFORMATION:
; APPLICANT: KOBAYASHI, Hiroko
; TITLE OF INVENTION: METHOD FOR ENHANCING AN IMMUNE RESPONSE
; FILE REFERENCE: 30448.64US01
; CURRENT APPLICATION NUMBER: US/10/253,117
; CURRENT FILING DATE: 2002-09-23
; PRIOR APPLICATION NUMBER: US/09/347,343
; PRIOR FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
```

```
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 6
; TYPE: DNA
; ORGANISM: synthetic oligonucleotide
US-10-253-117-1

Query Match          30.0%; Score 3; DB 15; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 RRC 4
Db      1 RRC 3

RESULT 102
US-10-253-117-1/c
; Sequence 1, Application US/10253117
; Publication No. US20030119773A1
; GENERAL INFORMATION:
; APPLICANT: RAZ, Eyal R.
; APPLICANT: KOBAYASHI, Hiroko
; TITLE OF INVENTION: METHOD FOR ENHANCING AN IMMUNE RESPONSE
; FILE REFERENCE: 30448.64US01
; CURRENT APPLICATION NUMBER: US/10/253,117
; CURRENT FILING DATE: 2002-09-23
; PRIOR APPLICATION NUMBER: US/09/347,343
; PRIOR FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 6
; TYPE: DNA
; ORGANISM: synthetic oligonucleotide
US-10-253-117-1

Query Match          30.0%; Score 3; DB 15; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 RRC 4
Db      6 RRC 4

RESULT 103
US-10-253-117-2
; Sequence 2, Application US/10253117
; Publication No. US20030119773A1
; GENERAL INFORMATION:
; APPLICANT: RAZ, Eyal R.
; APPLICANT: KOBAYASHI, Hiroko
; TITLE OF INVENTION: METHOD FOR ENHANCING AN IMMUNE RESPONSE
; FILE REFERENCE: 30448.64US01
; CURRENT APPLICATION NUMBER: US/10/253,117
; CURRENT FILING DATE: 2002-09-23
; PRIOR APPLICATION NUMBER: US/09/347,343
; PRIOR FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 6
; TYPE: DNA
; ORGANISM: synthetic oligonucleotide
US-10-253-117-2

Query Match          30.0%; Score 3; DB 15; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GY 9
Db      7 GY 9
```

```
Db          4 GYY 6

RESULT 104
US-10-253-117-2/c
; Sequence 2, Application US/10253117
; Publication No. US20030119773A1
; GENERAL INFORMATION:
; APPLICANT: RAZ, Eyal R.
; APPLICANT: KOBAYASHI, Hiroko
; TITLE OF INVENTION: METHOD FOR ENHANCING AN IMMUNE RESPONSE
; FILE REFERENCE: 30448.64US01
; CURRENT APPLICATION NUMBER: US/10/253,117
; CURRENT FILING DATE: 2002-09-23
; PRIOR APPLICATION NUMBER: US/09/347,343
; PRIOR FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 6
; TYPE: DNA
; ORGANISM: synthetic oligonucleotide
US-10-253-117-2

Query Match          30.0%; Score 3; DB 15; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy          2 RRC 4
           |||
Db          6 RRC 4

RESULT 105
US-10-290-545-27
; Sequence 27, Application US/10290545
; Publication No. US20030125292A1
; GENERAL INFORMATION:
; APPLICANT: Semple, Sean
; APPLICANT: Klimuk, Sandy
; APPLICANT: Yuan, Zuan-Ning
; TITLE OF INVENTION: Improved Mucosal Vaccines and Methods for Using the Same
; FILE REFERENCE: A-71854/TAL/AXG
; CURRENT APPLICATION NUMBER: US/10/290,545
; CURRENT FILING DATE: 2002-11-07
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 27
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-290-545-27

Query Match          30.0%; Score 3; DB 15; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy          2 RRC 4
           |||
Db          1 RRC 3

RESULT 106
US-10-290-545-27/c
; Sequence 27, Application US/10290545
; Publication No. US20030125292A1
; GENERAL INFORMATION:
; APPLICANT: Semple, Sean
; APPLICANT: Klimuk, Sandy
; APPLICANT: Yuan, Zuan-Ning
; TITLE OF INVENTION: Improved Mucosal Vaccines and Methods for Using the Same
```

```
; FILE REFERENCE: A-71854/TAL/AXG
; CURRENT APPLICATION NUMBER: US/10/290,545
; CURRENT FILING DATE: 2002-11-07
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 27
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-290-545-27

Query Match          30.0%; Score 3; DB 15; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy          2 RRC 4
           |||
Db          1 RRC 3

RESULT 108
US-10-437-263-27/c
; Sequence 27, Application US/10437263
; Publication No. US20040009943A1
; GENERAL INFORMATION:
; APPLICANT: Semple, Sean
; APPLICANT: Tam, Ying K.
; APPLICANT: Chikh, Ghania
; APPLICANT: Hope, Michael J.
; TITLE OF INVENTION: PATHOGEN VACCINES AND METHODS FOR USING THE SAME
; FILE REFERENCE: A-72216/TAL
; CURRENT APPLICATION NUMBER: US/10/437,263
; CURRENT FILING DATE: 2003-05-12
```

```
; FILE REFERENCE: A-71854/TAL/AXG
; CURRENT APPLICATION NUMBER: US/10/290,545
; CURRENT FILING DATE: 2002-11-07
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 27
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-290-545-27

Query Match          30.0%; Score 3; DB 15; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy          2 RRC 4
           |||
Db          6 RRC 4

RESULT 107
US-10-437-263-27
; Sequence 27, Application US/10437263
; Publication No. US20040009943A1
; GENERAL INFORMATION:
; APPLICANT: Semple, Sean
; APPLICANT: Tam, Ying K.
; APPLICANT: Chikh, Ghania
; APPLICANT: Hope, Michael J.
; TITLE OF INVENTION: PATHOGEN VACCINES AND METHODS FOR USING THE SAME
; FILE REFERENCE: A-72216/TAL
; CURRENT APPLICATION NUMBER: US/10/437,263
; CURRENT FILING DATE: 2003-05-12
; PRIOR APPLICATION NUMBER: 60/379,343
; PRIOR FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/460,646
; PRIOR FILING DATE: 2003-04-04
; PRIOR APPLICATION NUMBER: 60/454,298
; PRIOR FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 27
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-437-263-27

Query Match          30.0%; Score 3; DB 17; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy          2 RRC 4
           |||
Db          1 RRC 3

RESULT 108
US-10-437-263-27/c
; Sequence 27, Application US/10437263
; Publication No. US20040009943A1
; GENERAL INFORMATION:
; APPLICANT: Semple, Sean
; APPLICANT: Tam, Ying K.
; APPLICANT: Chikh, Ghania
; APPLICANT: Hope, Michael J.
; TITLE OF INVENTION: PATHOGEN VACCINES AND METHODS FOR USING THE SAME
; FILE REFERENCE: A-72216/TAL
; CURRENT APPLICATION NUMBER: US/10/437,263
; CURRENT FILING DATE: 2003-05-12
```



```
; APPLICANT: Tam, Ying K.
; APPLICANT: Semple, Sean
; APPLICANT: Klimuk, Sandra
; APPLICANT: Chikh, Ghania
; TITLE OF INVENTION: CANCER VACCINES AND METHODS OF USING THE SAME
; FILE REFERENCE: A-72252/TAL
; CURRENT APPLICATION NUMBER: US/10/437,258
; CURRENT FILING DATE: 2003-05-12
; PRIOR APPLICATION NUMBER: 60/379,343
; PRIOR FILING DATE: 2002-03-10
; PRIOR APPLICATION NUMBER: 60/460,646
; PRIOR FILING DATE: 2003-04-04
; PRIOR APPLICATION NUMBER: 60/454,298
; PRIOR FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 27
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-437-258-27

Query Match          30.0%; Score 3; DB 17; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2 RRC 4
        |||
Db      6 RRC 4

RESULT 113
US-10-899-771-27
; Sequence 27, Application US/10899771
; Publication No. US20050031638A1
; GENERAL INFORMATION:
; APPLICANT: Dalemans, Wilfried L.J.
; TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
; FILE REFERENCE: B45124
; CURRENT APPLICATION NUMBER: US/10/899,771
; CURRENT FILING DATE: 2004-07-27
; PRIOR APPLICATION NUMBER: US/09/581,976
; PRIOR FILING DATE: 2000-06-20
; PRIOR APPLICATION NUMBER: PCT/EP98/08563
; PRIOR FILING DATE: 1998-12-18
; PRIOR APPLICATION NUMBER: GB 9727262.9
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 27
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-899-771-27

Query Match          30.0%; Score 3; DB 21; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2 RRC 4
        |||
Db      1 RRC 3

RESULT 114
US-10-899-771-27/c
; Sequence 27, Application US/10899771

; Publication No. US20050031638A1
; GENERAL INFORMATION:
; APPLICANT: Dalemans, Wilfried L.J.
; TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
; FILE REFERENCE: B45124
; CURRENT APPLICATION NUMBER: US/10/899,771
; CURRENT FILING DATE: 2004-07-27
; PRIOR APPLICATION NUMBER: US/09/581,976
; PRIOR FILING DATE: 2000-06-20
; PRIOR APPLICATION NUMBER: PCT/EP98/08563
; PRIOR FILING DATE: 1998-12-18
; PRIOR APPLICATION NUMBER: GB 9727262.9
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 27
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-899-771-27

Query Match          30.0%; Score 3; DB 21; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2 RRC 4
        |||
Db      1 RRC 3

RESULT 115
US-09-816-763-16
; Sequence 16, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence for transcriptional factor
; OTHER INFORMATION: C/EBP
US-09-816-763-16

Query Match          30.0%; Score 3; DB 9; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      5 WWG 7
        |||
Db      6 WWG 8

RESULT 116
US-09-816-763-16/c
; Sequence 16, Application US/09816763
```

; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Remacle, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence for transcriptional factor
; OTHER INFORMATION: C/EBP
US-09-816-763-16

Query Match 30.0%; Score 3; DB 9; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CWV 6
|||
Db 8 CWV 6

RESULT 117
US-09-816-763-32
; Sequence 32, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Remacle, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 32
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence for transcriptional factor
; OTHER INFORMATION: Ets-1
US-09-816-763-32

Query Match 30.0%; Score 3; DB 9; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6 WGY 8
|||
Db 6 WGY 8

RESULT 118
US-09-816-763-32/c
; Sequence 32, Application US/09816763
; Patent No. US20020110814A1

; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Remacle, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 32
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence for transcriptional factor
; OTHER INFORMATION: Ets-1
US-09-816-763-32

Query Match 30.0%; Score 3; DB 9; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RCW 5
|||
Db 8 RCW 6

RESULT 119
US-09-798-883B-56
; Sequence 56, Application US/09798883B
; Publication No. US20030159159A1
; GENERAL INFORMATION:
; APPLICANT: LINNIK, Matthew
; APPLICANT: RACKE, Margaret
; APPLICANT: KRAKOWSKY, Joan
; APPLICANT: SUBRAMANIAM, Arun
; TITLE OF INVENTION: Human Nerve Growth Factor Exon 1 and Exon 3 Promoters
; FILE REFERENCE: HMR2002C US DIV
; CURRENT APPLICATION NUMBER: US/09/798,883B
; CURRENT FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 56
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Consensus Binding Motif in Human Nerve Growth Factor Exon 1 and 3
; OTHER INFORMATION: Promoter
; FEATURE:
; NAME/KEY: misc.feature
; OTHER INFORMATION: w=a or t
US-09-798-883B-56

Query Match 30.0%; Score 3; DB 10; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 WVG 7
|||
Db 6 WVG 8

RESULT 120
US-09-798-883B-56/c
; Sequence 56, Application US/09798883B
; Publication No. US20030159159A1
; GENERAL INFORMATION:


```
QY      4 CWX 6
      |||
Db      8 CWX 6

RESULT 123
US-10-253-117-3
; Sequence 3, Application US/10253117
; Publication No. US20030119773A1
; GENERAL INFORMATION:
; APPLICANT: RAZ, Eyal R.
; TITLE OF INVENTION: METHOD FOR ENHANCING AN IMMUNE RESPONSE
; FILE REFERENCE: 30448.64US01
; CURRENT APPLICATION NUMBER: US/10/253,117
; CURRENT FILING DATE: 2002-09-23
; PRIOR APPLICATION NUMBER: US/09/347,343
; PRIOR FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 8
; TYPE: DNA
; ORGANISM: synthetic oligonucleotide
US-10-253-117-3
Query Match      30.0%; Score 3; DB 15; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 RRC 4
      |||
Db      1 RRC 3

RESULT 124
US-10-253-117-3/c
; Sequence 3, Application US/10253117
; Publication No. US20030119773A1
; GENERAL INFORMATION:
; APPLICANT: RAZ, Eyal R.
; TITLE OF INVENTION: METHOD FOR ENHANCING AN IMMUNE RESPONSE
; FILE REFERENCE: 30448.64US01
; CURRENT APPLICATION NUMBER: US/10/253,117
; CURRENT FILING DATE: 2002-09-23
; PRIOR APPLICATION NUMBER: US/09/347,343
; PRIOR FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 8
; TYPE: DNA
; ORGANISM: synthetic oligonucleotide
US-10-253-117-3
Query Match      30.0%; Score 3; DB 15; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 RRC 4
      |||
Db      1 RRC 3

RESULT 125
US-10-253-117-4
; Sequence 4, Application US/10253117
; Publication No. US20030119773A1
; GENERAL INFORMATION:
; APPLICANT: KOBAYASHI, Hiroko
; TITLE OF INVENTION: METHOD FOR ENHANCING AN IMMUNE RESPONSE
; FILE REFERENCE: 30448.64US01
; CURRENT APPLICATION NUMBER: US/10/253,117
; CURRENT FILING DATE: 2002-09-23
; PRIOR APPLICATION NUMBER: US/09/347,343
; PRIOR FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 8
; TYPE: DNA
; ORGANISM: synthetic oligonucleotide
US-10-253-117-4
Query Match      30.0%; Score 3; DB 15; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 RRC 4
      |||
Db      6 RRC 4

RESULT 126
US-10-253-117-4/c
; Sequence 4, Application US/10253117
; Publication No. US20030119773A1
; GENERAL INFORMATION:
; APPLICANT: RAZ, Eyal R.
; TITLE OF INVENTION: METHOD FOR ENHANCING AN IMMUNE RESPONSE
; FILE REFERENCE: 30448.64US01
; CURRENT APPLICATION NUMBER: US/10/253,117
; CURRENT FILING DATE: 2002-09-23
; PRIOR APPLICATION NUMBER: US/09/347,343
; PRIOR FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 8
; TYPE: DNA
; ORGANISM: synthetic oligonucleotide
US-10-253-117-4
Query Match      30.0%; Score 3; DB 15; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 RRC 4
      |||
Db      6 RRC 4

RESULT 127
US-10-821-568-32
; Sequence 32, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 32
```


REFERENCE/DOCKET NUMBER: D-0021.3E
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-981-2034
TELEFAX: 415-981-0332
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
DESCRIPTION: Initiator consensus sequence
US-09-772-719-23

Query Match 30.0%; Score 3; DB 9; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
|||
Db 10 RRR 8

RESULT 131

US-09-967-237-23
Sequence 23, Application US/09967237
Publication No. US20030049828A1
GENERAL INFORMATION:
APPLICANT: Zavada, Jan
APPLICANT: Pastorekova, Silvia
APPLICANT: Pastorek, Jaromir
TITLE OF INVENTION: MN Gene and Protein
FILE REFERENCE: D-0021.5B-2
CURRENT APPLICATION NUMBER: US/09/967,237
CURRENT FILING DATE: 2001-09-27
PRIOR APPLICATION NUMBER: 09/178,115
PRIOR FILING DATE: 1998-10-23
NUMBER OF SEQ ID NOS: 116
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 23
LENGTH: 10
TYPE: DNA
ORGANISM: HUMAN
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)..(10)
US-09-967-237-23

Query Match 30.0%; Score 3; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
|||
Db 1 YYY 3

RESULT 132

US-09-967-237-23/c
Sequence 23, Application US/09967237
Publication No. US20030049828A1
GENERAL INFORMATION:
APPLICANT: Zavada, Jan
APPLICANT: Pastorekova, Silvia
APPLICANT: Pastorek, Jaromir
TITLE OF INVENTION: MN Gene and Protein
FILE REFERENCE: D-0021.5B-2
CURRENT APPLICATION NUMBER: US/09/967,237
CURRENT FILING DATE: 2001-09-27
PRIOR APPLICATION NUMBER: 09/178,115
PRIOR FILING DATE: 1998-10-23
NUMBER OF SEQ ID NOS: 116
SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 23
LENGTH: 10
TYPE: DNA
ORGANISM: HUMAN
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)..(10)
US-09-967-237-23

Query Match 30.0%; Score 3; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
|||
Db 10 RRR 8

RESULT 133

US-10-124-759-3
Sequence 3, Application US/10124759
Publication No. US20030055017A1
GENERAL INFORMATION:
APPLICANT: Schwartz, Robert J.
APPLICANT: Draghia-Akli, Ruxandra
APPLICANT: Li, Xuyang
APPLICANT: Eastman, Eric
TITLE OF INVENTION: GHRH Expression System and Methods of Use
FILE REFERENCE: 236/006 GeneMedicine
CURRENT APPLICATION NUMBER: US/10/124,759
CURRENT FILING DATE: 2002-04-16
PRIOR APPLICATION NUMBER: US/09/122,171
PRIOR FILING DATE: 1998-07-24
PRIOR APPLICATION NUMBER: 60/053,609
PRIOR FILING DATE: 1997-07-24
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PatentIn version 3.1
SEQ ID NO 3
LENGTH: 10
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: The inner core of the serum response element
FEATURE:
NAME/KEY: misc feature
LOCATION: (3)-(8)
OTHER INFORMATION: The letter "w" stands for a or t
US-10-124-759-3

Query Match 30.0%; Score 3; DB 14; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CWW 6
|||
Db 2 CWW 4

RESULT 134

US-10-124-759-3/c
Sequence 3, Application US/10124759
Publication No. US20030055017A1
GENERAL INFORMATION:
APPLICANT: Schwartz, Robert J.
APPLICANT: Draghia-Akli, Ruxandra
APPLICANT: Li, Xuyang
APPLICANT: Eastman, Eric
TITLE OF INVENTION: GHRH Expression System and Methods of Use
FILE REFERENCE: 236/006 GeneMedicine
CURRENT APPLICATION NUMBER: US/10/124,759
CURRENT FILING DATE: 2002-04-16
PRIOR APPLICATION NUMBER: US/09/122,171
PRIOR FILING DATE: 1998-07-24

; PRIOR APPLICATION NUMBER: 60/053,609
; PRIOR FILING DATE: 1997-07-24
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: The inner core of the serum response element
; NAME/KEY: misc feature
; LOCATION: (3)..(8)
; OTHER INFORMATION: The letter "w" stands for a or t
US-10-124-759-3

Query Match 30.0%; Score 3; DB 14; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CW 6
Db 9 CW 7

RESULT 135
US-10-338-587A-14
; Sequence 14, Application US/10338587A
; Publication No. US20040005319A1
; GENERAL INFORMATION:
; APPLICANT: THE UNIVERSITY OF SOUTH FLORIDA
; APPLICANT: GROTEENDORST, Gary R.
; APPLICANT: BRADHAM, Douglass M.
; TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR
; FILE REFERENCE: USF1100-15
; CURRENT APPLICATION NUMBER: US/10/338,587A
; CURRENT FILING DATE: 2003-01-07
; PRIOR APPLICATION NUMBER: US 09/054,363
; PRIOR FILING DATE: 1998-04-02
; PRIOR APPLICATION NUMBER: US 08/459,717
; PRIOR FILING DATE: 1995-06-02
; PRIOR APPLICATION NUMBER: US 08/386,680
; PRIOR FILING DATE: 1995-02-10
; PRIOR APPLICATION NUMBER: US 08/167,628
; PRIOR FILING DATE: 1993-12-14
; PRIOR APPLICATION NUMBER: US 07/752,427
; PRIOR FILING DATE: 1991-08-30
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Serum response element
US-10-338-587A-14

Query Match 30.0%; Score 3; DB 17; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CW 6
Db 2 CW 4

RESULT 136
US-10-338-587A-14/c
; Sequence 14, Application US/10338587A
; Publication No. US20040005319A1
; GENERAL INFORMATION:
; APPLICANT: THE UNIVERSITY OF SOUTH FLORIDA
; APPLICANT: GROTEENDORST, Gary R.

; APPLICANT: BRADHAM, Douglass M.
; TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR
; FILE REFERENCE: USF1100-15
; CURRENT APPLICATION NUMBER: US/10/338,587A
; CURRENT FILING DATE: 2003-01-07
; PRIOR APPLICATION NUMBER: US 09/054,363
; PRIOR FILING DATE: 1998-04-02
; PRIOR APPLICATION NUMBER: US 08/459,717
; PRIOR FILING DATE: 1995-06-02
; PRIOR APPLICATION NUMBER: US 08/386,680
; PRIOR FILING DATE: 1995-02-10
; PRIOR APPLICATION NUMBER: US 08/167,628
; PRIOR FILING DATE: 1993-12-14
; PRIOR APPLICATION NUMBER: US 07/752,427
; PRIOR FILING DATE: 1991-08-30
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Serum response element
US-10-338-587A-14

Query Match 30.0%; Score 3; DB 17; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CW 6
Db 9 CW 7

RESULT 137
US-10-172-526-15
; Sequence 15, Application US/10172526
; Publication No. US20040006783A1
; GENERAL INFORMATION:
; APPLICANT: Yang, Zhenbiao
; APPLICANT: Bailey-Serres, Julia
; APPLICANT: Baxter-Burrell, Airica
; APPLICANT: Wu, Guang
; APPLICANT: Vernoud, Vanesee
; APPLICANT: The Regents of the University of California
; TITLE OF INVENTION: Compositions and Methods for Modulating RopGTPase
; TITLE OF INVENTION: Activity in Plants
; FILE REFERENCE: 023070-126000US
; CURRENT APPLICATION NUMBER: US/10/172,526
; CURRENT FILING DATE: 2002-09-16
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:antioxidant
; OTHER INFORMATION: response element (ARE) consensus sequence
US-10-172-526-15

Query Match 30.0%; Score 3; DB 17; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5 WW 7
Db 7 WW 9

RESULT 138
US-10-172-526-15/c
; Sequence 15, Application US/10172526

```
/ Publication No. US20040006783A1
/ GENERAL INFORMATION:
/ APPLICANT: Yang, Zhenbiao
/ APPLICANT: Bailey-Serres, Julia
/ APPLICANT: Baxter-Burrell, Alica
/ APPLICANT: Wu, Guang
/ APPLICANT: Vernoud, Vanessa
/ APPLICANT: The Regents of the University of California
/ TITLE OF INVENTION: Compositions and Methods for Modulating RopGTPase
/ TITLE OF INVENTION: Activity in Plants
/ FILE REFERENCE: 023070-126000US
/ CURRENT APPLICATION NUMBER: US/10/172,526
/ CURRENT FILING DATE: 2002-09-16
/ NUMBER OF SEQ ID NOS: 24
/ SOFTWARE: Patent in Ver. 2.1
/ SEQ ID NO 15
/ LENGTH: 10
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: antioxidant
/ OTHER INFORMATION: response element (ARE) consensus sequence
US-10-172-526-15

Query Match 30.0%; Score 3; DB 17; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CWW 6
DB 9 CWW 7

RESULT 139
US-10-689-006-32
/ Sequence 32, Application US/10689006
/ Publication No. US20040191249A1
/ GENERAL INFORMATION:
/ APPLICANT: Vanderbilt University
/ APPLICANT: Hallahan, Dennis E
/ APPLICANT: Mernaugh, Raymond
/ TITLE OF INVENTION: PHAGE ANTIBODIES TO RADIATION-INDUCIBLE NEOANTIGENS
/ FILE REFERENCE: 1242/72
/ CURRENT APPLICATION NUMBER: US/10/689,006
/ CURRENT FILING DATE: 2003-10-20
/ PRIOR APPLICATION NUMBER: US 09/914,605
/ PRIOR FILING DATE: 2001-08-30
/ PRIOR APPLICATION NUMBER: US 10/259,087
/ PRIOR FILING DATE: 2002-09-27
/ NUMBER OF SEQ ID NOS: 34
/ SOFTWARE: Patent in version 3.2
/ SEQ ID NO 32
/ LENGTH: 10
/ TYPE: DNA
/ ORGANISM: Artificial
/ FEATURE:
/ OTHER INFORMATION: Serine-glycine-poly-tyrosine linking peptide
US-10-689-006-32

Query Match 30.0%; Score 3; DB 19; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
DB 6 YYY 8

RESULT 140
US-10-689-006-32/c
/ Sequence 32, Application US/10689006
/ Publication No. US20040191249A1
/ GENERAL INFORMATION:
```

```
/ APPLICANT: Vanderbilt University
/ APPLICANT: Hallahan, Dennis E
/ APPLICANT: Mernaugh, Raymond
/ TITLE OF INVENTION: PHAGE ANTIBODIES TO RADIATION-INDUCIBLE NEOANTIGENS
/ FILE REFERENCE: 1242/72
/ CURRENT APPLICATION NUMBER: US/10/689,006
/ CURRENT FILING DATE: 2003-10-20
/ PRIOR APPLICATION NUMBER: US 09/914,605
/ PRIOR FILING DATE: 2001-08-30
/ PRIOR APPLICATION NUMBER: US 10/259,087
/ PRIOR FILING DATE: 2002-09-27
/ NUMBER OF SEQ ID NOS: 34
/ SOFTWARE: Patent in version 3.2
/ SEQ ID NO 32
/ LENGTH: 10
/ TYPE: DNA
/ ORGANISM: Artificial
/ FEATURE:
/ OTHER INFORMATION: Serine-glycine-poly-tyrosine linking peptide
US-10-689-006-32

Query Match 30.0%; Score 3; DB 19; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
DB 10 RRR 8

RESULT 141
US-10-888-694-23
/ Sequence 23, Application US/10888694
/ Publication No. US20050003425A1
/ GENERAL INFORMATION:
/ APPLICANT: Zavada, Jan
/ APPLICANT: Pastorekova, Silvia
/ APPLICANT: Pastorek, Jaromir
/ TITLE OF INVENTION: MN Gene and Protein
/ NUMBER OF SEQUENCES: 86
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Leona L. Lauder
/ STREET: 465 California Street, Suite 450
/ CITY: San Francisco
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94104
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.30 (EPO)
/ CURRENT APPLICATION DATA: US/10/888,694
/ FILING DATE: 08-Jul-2004
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/09/772,719
/ FILING DATE: 30-Jan-2001
/ APPLICATION NUMBER: US 08/485,049
/ FILING DATE: 07-JUN-1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Lauder, Leona L.
/ REGISTRATION NUMBER: 30,863
/ REFERENCE/DOCKET NUMBER: D-0021.3A-2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 415-981-2034
/ TELEFAX: 415-981-0332
/ INFORMATION FOR SEQ ID NO: 23:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 10 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
```


TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
DESCRIPTION: Initiator consensus sequence
SEQUENCE DESCRIPTION: SEQ ID NO: 23:
US-10-888-694-23

Query Match 30.0%; Score 3; DB 21; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
|||
Db 1 YYY 3

RESULT 142
US-10-888-694-23/c
; Sequence 23, Application US/10888694
; Publication No. US20050003425A1
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; Pastorekova, Silvia
; Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Leona L. Lauder
; STREET: 465 California Street, Suite 450
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/888,694
; FILING DATE: 08-Jul-2004
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/772,719
; FILING DATE: 30-Jan-2001
; APPLICATION NUMBER: US 08/485,049
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Lauder, Leona L.
; REGISTRATION NUMBER: 30,863
; REFERENCE/DOCKET NUMBER: D-0021.3A-2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-981-2034
; TELEFAX: 415-981-0332
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; DESCRIPTION: Initiator consensus sequence
; SEQUENCE DESCRIPTION: SEQ ID NO: 23:
US-10-888-694-23

Query Match 30.0%; Score 3; DB 21; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
|||
Db 10 RRR 8

US-10-833-951-5
; Sequence 5, Application US/10833951
; Publication No. US20050053970A1
; GENERAL INFORMATION:
; APPLICANT: BENSON, JOHN D.
; APPLICANT: VINCENT, SYLVIE M.
; APPLICANT: BRASHER, BRADLEY B.
; APPLICANT: MIAO, ZHENWEI
; APPLICANT: LAMMIN, DUDLEY
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR IDENTIFYING PEPTIDE APAMERS CAPABLE
; TITLE OF INVENTION: OF ALTERING A CELL PHENOTYPE
; FILE REFERENCE: 4014.1037 US2
; CURRENT APPLICATION NUMBER: US/10/833,951
; CURRENT FILING DATE: 2004-04-28
; PRIOR APPLICATION NUMBER: PCT/US02/35584
; PRIOR FILING DATE: 2002-11-06
; PRIOR APPLICATION NUMBER: 60/357,278
; PRIOR FILING DATE: 2002-02-14
; PRIOR APPLICATION NUMBER: 60/333,262
; PRIOR FILING DATE: 2001-11-06
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
US-10-833-951-5

Query Match 30.0%; Score 3; DB 21; Length 11;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GYY 9
|||
Db 2 GYY 4

RESULT 144
US-10-833-951-5/c
; Sequence 5, Application US/10833951
; Publication No. US20050053970A1
; GENERAL INFORMATION:
; APPLICANT: BENSON, JOHN D.
; APPLICANT: VINCENT, SYLVIE M.
; APPLICANT: BRASHER, BRADLEY B.
; APPLICANT: MIAO, ZHENWEI
; APPLICANT: LAMMIN, DUDLEY
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR IDENTIFYING PEPTIDE APAMERS CAPABLE
; TITLE OF INVENTION: OF ALTERING A CELL PHENOTYPE
; FILE REFERENCE: 4014.1037 US2
; CURRENT APPLICATION NUMBER: US/10/833,951
; CURRENT FILING DATE: 2004-04-28
; PRIOR APPLICATION NUMBER: PCT/US02/35584
; PRIOR FILING DATE: 2002-11-06
; PRIOR APPLICATION NUMBER: 60/357,278
; PRIOR FILING DATE: 2002-02-14
; PRIOR APPLICATION NUMBER: 60/333,262
; PRIOR FILING DATE: 2001-11-06
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
US-10-833-951-5

Query Match 30.0%; Score 3; DB 21; Length 11;
Best Local Similarity 100.0%; Pred. No. 0;

Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
|||
Db 4 RRC 2

RESULT 145
US-10-333-878-14
; Sequence 14, Application US/10333878
; Publication No. US20050084849A1
; GENERAL INFORMATION:
; APPLICANT: DZGenes LLC
; TITLE OF INVENTION: DIAGNOSTIC POLYMORPHISMS FOR THE ECNOS PROMOTOR
; FILE REFERENCE: DZG2183.2
; CURRENT APPLICATION NUMBER: US/10/333,878
; CURRENT FILING DATE: 2003-01-24
; PRIOR APPLICATION NUMBER: US 60/220,662
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: PCT/US01/23321
; PRIOR FILING DATE: 2001-07-25
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: variation
; LOCATION: (8)..(8)
; OTHER INFORMATION: SNP replaces G in the core binding site with an A at this position
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: n=any nucleotide
US-10-333-878-14

Query Match 30.0%; Score 3; DB 21; Length 11;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 9
|||
Db 8 GY 10

RESULT 146
US-10-333-878-14/c
; Sequence 14, Application US/10333878
; Publication No. US20050084849A1
; GENERAL INFORMATION:
; APPLICANT: DZGenes LLC
; TITLE OF INVENTION: DIAGNOSTIC POLYMORPHISMS FOR THE ECNOS PROMOTOR
; FILE REFERENCE: DZG2183.2
; CURRENT APPLICATION NUMBER: US/10/333,878
; CURRENT FILING DATE: 2003-01-24
; PRIOR APPLICATION NUMBER: US 60/220,662
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: PCT/US01/23321
; PRIOR FILING DATE: 2001-07-25
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: variation
; LOCATION: (8)..(8)
; OTHER INFORMATION: SNP replaces G in the core binding site with an A at this position
; FEATURE:

; NAME/KEY: misc feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: n=any nucleotide
US-10-333-878-14

Query Match 30.0%; Score 3; DB 21; Length 11;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
|||
Db 10 RRC 8

RESULT 147
US-10-359-050-3
; Sequence 3, Application US/10359050
; Publication No. US20030186291A1
; GENERAL INFORMATION:
; APPLICANT: EXELIXIS DEUTSCHLAND GMBH
; TITLE OF INVENTION: GENETICALLY ENGINEERED PHIC31-INTEGRASE GENES
; FILE REFERENCE: AR03-001
; CURRENT APPLICATION NUMBER: US/10/359,050
; CURRENT FILING DATE: 2003-02-05
; PRIOR APPLICATION NUMBER: US 60/354,741
; PRIOR FILING DATE: 2002-02-06
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Splice acceptor sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(12)
; OTHER INFORMATION: Y is T or C; N is A, C, G, or T.
US-10-359-050-3

Query Match 30.0%; Score 3; DB 16; Length 12;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YY 10
|||
Db 1 YY 3

RESULT 148
US-10-359-050-3/c
; Sequence 3, Application US/10359050
; Publication No. US20030186291A1
; GENERAL INFORMATION:
; APPLICANT: EXELIXIS DEUTSCHLAND GMBH
; TITLE OF INVENTION: GENETICALLY ENGINEERED PHIC31-INTEGRASE GENES
; FILE REFERENCE: AR03-001
; CURRENT APPLICATION NUMBER: US/10/359,050
; CURRENT FILING DATE: 2003-02-05
; PRIOR APPLICATION NUMBER: US 60/354,741
; PRIOR FILING DATE: 2002-02-06
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Splice acceptor sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(12)
; OTHER INFORMATION: Y is T or C; N is A, C, G, or T.

US-10-359-050-3

Query Match 30.0%; Score 3; DB 16; Length 12;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
|||
Db 7 RRR 5

RESULT 149

US-10-359-050-4
; Sequence 4, Application US/10359050
; Publication No. US20030186291A1
; GENERAL INFORMATION:
; APPLICANT: EXELIXIS DEUTSCHLAND GMBH
; TITLE OF INVENTION: GENETICALLY ENGINEERED PHIC31-INTEGRASE GENES
; FILE REFERENCE: AR03-001
; CURRENT APPLICATION NUMBER: US/10/359,050
; CURRENT FILING DATE: 2003-02-05
; PRIOR APPLICATION NUMBER: US 60/354,741
; PRIOR FILING DATE: 2002-02-06
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Splice acceptor site.
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(12)
; OTHER INFORMATION: Y is T or C; N is A, C, G, or T.
US-10-359-050-4

Query Match 30.0%; Score 3; DB 16; Length 12;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
|||
Db 1 YYY 3

RESULT 150

US-10-359-050-4/c
; Sequence 4, Application US/10359050
; Publication No. US20030186291A1
; GENERAL INFORMATION:
; APPLICANT: EXELIXIS DEUTSCHLAND GMBH
; TITLE OF INVENTION: GENETICALLY ENGINEERED PHIC31-INTEGRASE GENES
; FILE REFERENCE: AR03-001
; CURRENT APPLICATION NUMBER: US/10/359,050
; CURRENT FILING DATE: 2003-02-05
; PRIOR APPLICATION NUMBER: US 60/354,741
; PRIOR FILING DATE: 2002-02-06
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Splice acceptor site.
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(12)
; OTHER INFORMATION: Y is T or C; N is A, C, G, or T.
US-10-359-050-4

Query Match 30.0%; Score 3; DB 16; Length 12;

Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
|||
Db 7 RRR 5

RESULT 151

US-10-300-011-78
; Sequence 78, Application US/10300011
; Publication No. US20030235890A1
; GENERAL INFORMATION:
; APPLICANT: WYLLIE, DAVID
; APPLICANT: DUFF, GORDON W.
; APPLICANT: AZIZ, NAZNEEN
; APPLICANT: HSIEH, CHUNG MING
; APPLICANT: KORNMAN, KENNETH S.
; TITLE OF INVENTION: FUNCTIONAL POLYMORPHISMS OF THE INTERLEUKIN-1 LOCUS
; TITLE OF INVENTION: AFFECTING TRANSCRIPTION AND SUSCEPTIBILITY TO
; FILE OF INVENTION: INFLAMMATORY AND INFECTIOUS DISEASES
; FILE REFERENCE: MSA-024.01
; CURRENT APPLICATION NUMBER: US/10/300,011
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn ver. 2.1
; SEQ ID NO 78
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: consensus sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (6)
; OTHER INFORMATION: a, t, c or g
US-10-300-011-78

Query Match 30.0%; Score 3; DB 17; Length 12;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
|||
Db 7 YYY 9

RESULT 152

US-10-300-011-78/c
; Sequence 78, Application US/10300011
; Publication No. US20030235890A1
; GENERAL INFORMATION:
; APPLICANT: WYLLIE, DAVID
; APPLICANT: DUFF, GORDON W.
; APPLICANT: AZIZ, NAZNEEN
; APPLICANT: HSIEH, CHUNG MING
; APPLICANT: KORNMAN, KENNETH S.
; TITLE OF INVENTION: FUNCTIONAL POLYMORPHISMS OF THE INTERLEUKIN-1 LOCUS
; TITLE OF INVENTION: AFFECTING TRANSCRIPTION AND SUSCEPTIBILITY TO
; FILE OF INVENTION: INFLAMMATORY AND INFECTIOUS DISEASES
; FILE REFERENCE: MSA-024.01
; CURRENT APPLICATION NUMBER: US/10/300,011
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 78
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: consensus sequence
US-10-300-011-78

Query Match 30.0%; Score 3; DB 16; Length 12;


```

; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Probe
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(2)
; OTHER INFORMATION: N at positions 1-2 can be A, T, G, or C
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (6)..(8)
; OTHER INFORMATION: W at positions 6-8 can be A or T
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (12)..(13)
; OTHER INFORMATION: N at positions 12-13 can be A, T, G, or C
US-10-602-837-15

Query Match      30.0%; Score 3; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5 WWG 7
Db 7 WWG 5

RESULT 157
US-10-821-568-67
; Sequence 67, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; FILE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; PRIOR FILING DATE: 2004-04-08
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 67
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence for transcriptional factor
; OTHER INFORMATION: MBF-1
US-10-821-568-67

Query Match      30.0%; Score 3; DB 19; Length 13;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
Db 13 RRR 11

RESULT 159
US-09-802-807-7
; Sequence 7, Application US/09802807
; Patent No. US20010034044A1
; GENERAL INFORMATION:
; APPLICANT: Treco, Douglas A.
; APPLICANT: Heartlein, Michael W.
; APPLICANT: Selden, Richard F.
; TITLE OF INVENTION: GENOMIC SEQUENCES FOR PROTEIN PRODUCTION AND DELIVERY
; FILE REFERENCE: 07236/016001
; CURRENT APPLICATION NUMBER: US/09/802,807
; CURRENT FILING DATE: 2001-03-08
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084,663
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(14)
; OTHER INFORMATION: n = A,T,C or G
US-09-802-807-7

Query Match      30.0%; Score 3; DB 9; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 YYY 10
Db 1 YYY 3

RESULT 160
US-09-802-807-7/c
; Sequence 7, Application US/09802807
; Patent No. US20010034044A1
```

GENERAL INFORMATION:
; APPLICANT: Treco, Douglas A.
; APPLICANT: Heartlein, Michael W.
; APPLICANT: Selden, Richard F.
; TITLE OF INVENTION: GENOMIC SEQUENCES FOR PROTEIN PRODUCTION AND DELIVERY
; FILE REFERENCE: 07236/016001
; CURRENT APPLICATION NUMBER: US/09/802,807
; CURRENT FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: 60/084,663
; PRIOR FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(14)
; OTHER INFORMATION: n = A,T,C or G

US-09-802-807-7

Query Match 30.0%; Score 3; DB 9; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
Db 10 RRR 8

RESULT 161

US-09-845-020A-8
; Sequence 8, Application US/09845020A
; Publication No. US20030022850A1
; GENERAL INFORMATION:
; APPLICANT: Treco, Douglas A.
; APPLICANT: Heartlein, Michael W.
; APPLICANT: Selden, Richard F.
; TITLE OF INVENTION: Genomic Sequences for Protein Production
; TITLE OF INVENTION: and Delivery
; FILE REFERENCE: 50010/017003
; CURRENT APPLICATION NUMBER: US/09/845,020A
; CURRENT FILING DATE: 2001-04-27
; PRIOR APPLICATION NUMBER: US 09/305,384
; PRIOR FILING DATE: 1999-05-05
; PRIOR APPLICATION NUMBER: US 60/084,649
; PRIOR FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(14)
; OTHER INFORMATION: n=A,T,C or G

US-09-845-020A-8

Query Match 30.0%; Score 3; DB 10; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
Db 1 YYY 3

RESULT 162

US-09-845-020A-8/c
; Sequence 8, Application US/09845020A
; Publication No. US20030022850A1

GENERAL INFORMATION:
; APPLICANT: Treco, Douglas A.
; APPLICANT: Heartlein, Michel W.
; APPLICANT: Selden, Richard F.
; TITLE OF INVENTION: Genomic Sequences for Protein Production
; TITLE OF INVENTION: and Delivery
; FILE REFERENCE: 50010/017003
; CURRENT APPLICATION NUMBER: US/09/845,020A
; CURRENT FILING DATE: 2001-04-27
; PRIOR APPLICATION NUMBER: US 09/305,384
; PRIOR FILING DATE: 1999-05-05
; PRIOR APPLICATION NUMBER: US 60/084,649
; PRIOR FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(14)
; OTHER INFORMATION: n=A,T,C or G

US-09-845-020A-8

Query Match 30.0%; Score 3; DB 10; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
Db 10 RRR 8

RESULT 163

US-10-345-115-1
; Sequence 1, Application US/10345115
; Publication No. US20030224519A1
; GENERAL INFORMATION:
; APPLICANT: Harrington, John
; APPLICANT: Jackson, Paul David
; APPLICANT: Jiang, Li
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MAKING
; TITLE OF INVENTION: MUTATIONS IN CELL LINES AND ANIMALS
; FILE REFERENCE: ATX-004CP2
; CURRENT APPLICATION NUMBER: US/10/345,115
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: 10/277612
; PRIOR FILING DATE: 2002-10-22
; PRIOR APPLICATION NUMBER: 60/336497
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 10/196721
; PRIOR FILING DATE: 2002-07-15
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 11
; OTHER INFORMATION: n = A,T,C or G
; NAME/KEY: misc_feature
; LOCATION: 1-10,12
; OTHER INFORMATION: y = C or T

US-10-345-115-1

Query Match 30.0%; Score 3; DB 17; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
Qy      8 YYY 10
Db      1 YYY 3

RESULT 164
US-10-345-115-1/c
; Sequence 1, Application US/10345115
; Publication No. US20030224519A1
; GENERAL INFORMATION:
; APPLICANT: Harrington, John
; APPLICANT: Jackson, Paul David
; APPLICANT: Jiang, Li
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MAKING
; FILE OF INVENTION: MUTATIONS IN CELL LINES AND ANIMALS
; FILE REFERENCE: ATX-004CP2
; CURRENT APPLICATION NUMBER: US/10/345,115
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: 10/277612
; PRIOR FILING DATE: 2002-10-22
; PRIOR APPLICATION NUMBER: 60/336497
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 10/196721
; PRIOR FILING DATE: 2002-07-15
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 11
; OTHER INFORMATION: n = A,T,C or G
;
; NAME/KEY: misc_feature
; LOCATION: 1-10,12
; OTHER INFORMATION: Y = C or T
US-10-345-115-1

Query Match      30.0%; Score 3; DB 17; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RRR 3
Db      10 RRR 8

RESULT 165
US-10-277-612-1
; Sequence 1, Application US/10277612
; Publication No. US20040018624A1
; GENERAL INFORMATION:
; APPLICANT: Harrington, John
; APPLICANT: Jackson, Paul David
; APPLICANT: Jiang, Li
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MAKING
; FILE OF INVENTION: MUTATIONS IN CELL LINES AND ANIMALS
; FILE REFERENCE: ATX-004CP
; CURRENT APPLICATION NUMBER: US/10/277,612
; CURRENT FILING DATE: 2003-02-03
; PRIOR APPLICATION NUMBER: 60/336497
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 10/196721
; PRIOR FILING DATE: 2002-07-15
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 11
; OTHER INFORMATION: n = A,T,C or G
;
; NAME/KEY: misc_feature
; LOCATION: 1-10,12
; OTHER INFORMATION: Y = C or T
US-10-277-612-1

Query Match      30.0%; Score 3; DB 17; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RRR 3
Db      10 RRR 8

RESULT 166
US-10-277-612-1/c
; Sequence 1, Application US/10277612
; Publication No. US20040018624A1
; GENERAL INFORMATION:
; APPLICANT: Harrington, John
; APPLICANT: Jackson, Paul David
; APPLICANT: Jiang, Li
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MAKING
; FILE OF INVENTION: MUTATIONS IN CELL LINES AND ANIMALS
; FILE REFERENCE: ATX-004CP
; CURRENT APPLICATION NUMBER: US/10/277,612
; CURRENT FILING DATE: 2003-02-03
; PRIOR APPLICATION NUMBER: 60/336497
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 10/196721
; PRIOR FILING DATE: 2002-07-15
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 11
; OTHER INFORMATION: n = A,T,C or G
;
; NAME/KEY: misc_feature
; LOCATION: 1-10,12
; OTHER INFORMATION: Y = C or T
US-10-277-612-1

Query Match      30.0%; Score 3; DB 17; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RRR 3
Db      10 RRR 8

RESULT 167
US-10-333-892-6
; Sequence 6, Application US/10333892
; Publication No. US20040209254A1
; GENERAL INFORMATION:
; APPLICANT: DZGenes LLC
; TITLE OF INVENTION: DIAGNOSTIC POLYMORPHISMS FOR THE TGF-BETA 1 PROMOTER
; FILE REFERENCE: DZG2185.2
; CURRENT APPLICATION NUMBER: US/10/333,892
; CURRENT FILING DATE: 2003-06-24
; PRIOR APPLICATION NUMBER: US 60/220,583
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: PCT/US01/23368
```

```
; NAME/KEY: misc_feature
; LOCATION: 11
; OTHER INFORMATION: n = A,T,C or G
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1-10,12
; OTHER INFORMATION: Y = C or T
US-10-277-612-1

Query Match      30.0%; Score 3; DB 17; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      8 YYY 10
Db      1 YYY 3

RESULT 166
US-10-277-612-1/c
; Sequence 1, Application US/10277612
; Publication No. US20040018624A1
; GENERAL INFORMATION:
; APPLICANT: Harrington, John
; APPLICANT: Jackson, Paul David
; APPLICANT: Jiang, Li
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MAKING
; FILE OF INVENTION: MUTATIONS IN CELL LINES AND ANIMALS
; FILE REFERENCE: ATX-004CP
; CURRENT APPLICATION NUMBER: US/10/277,612
; CURRENT FILING DATE: 2003-02-03
; PRIOR APPLICATION NUMBER: 60/336497
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 10/196721
; PRIOR FILING DATE: 2002-07-15
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 11
; OTHER INFORMATION: n = A,T,C or G
;
; NAME/KEY: misc_feature
; LOCATION: 1-10,12
; OTHER INFORMATION: Y = C or T
US-10-277-612-1

Query Match      30.0%; Score 3; DB 17; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RRR 3
Db      10 RRR 8

RESULT 167
US-10-333-892-6
; Sequence 6, Application US/10333892
; Publication No. US20040209254A1
; GENERAL INFORMATION:
; APPLICANT: DZGenes LLC
; TITLE OF INVENTION: DIAGNOSTIC POLYMORPHISMS FOR THE TGF-BETA 1 PROMOTER
; FILE REFERENCE: DZG2185.2
; CURRENT APPLICATION NUMBER: US/10/333,892
; CURRENT FILING DATE: 2003-06-24
; PRIOR APPLICATION NUMBER: US 60/220,583
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: PCT/US01/23368
```

; PRIOR FILING DATE: 2001-07-25
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (11)..(11)
; OTHER INFORMATION: n=any nucleotide
; FEATURE:
; NAME/KEY: variation
; LOCATION: (6)..(6)
; OTHER INFORMATION: SNP replaces Y with a G at this position
US-10-333-892-6

Query Match 30.0%; Score 3; DB 20; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
|||
Db 6 YYY 8

RESULT 168
US-10-333-892-6/c
; Sequence 6, Application US/10333892
; Publication No. US20040209254A1
; GENERAL INFORMATION:
; APPLICANT: DZGenes LLC
; TITLE OF INVENTION: DIAGNOSTIC POLYMORPHISMS FOR THE TGF-BETA 1 PROMOTER
; FILE REFERENCE: DZG2185.2
; CURRENT APPLICATION NUMBER: US/10/333,892
; CURRENT FILING DATE: 2003-06-24
; PRIOR APPLICATION NUMBER: US 60/220,583
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: PCT/US01/23368
; PRIOR FILING DATE: 2001-07-25
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (11)..(11)
; OTHER INFORMATION: n=any nucleotide
; FEATURE:
; NAME/KEY: variation
; LOCATION: (6)..(6)
; OTHER INFORMATION: SNP replaces Y with a G at this position
US-10-333-892-6

Query Match 30.0%; Score 3; DB 20; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
|||
Db 8 RRR 6

RESULT 169
US-10-342-923-1
; Sequence 1, Application US/10342923
; Publication No. US20040253590A1
; GENERAL INFORMATION:
; APPLICANT: Harrington, John
; APPLICANT: Jackson, Paul David
; APPLICANT: Jiang, Li

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MAKING
; TITLE OF INVENTION: MUTATIONS IN CELL LINES AND ANIMALS
; FILE REFERENCE: ATX-004PCPN4
; CURRENT APPLICATION NUMBER: US/10/342,923
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: 10/277612
; PRIOR FILING DATE: 2002-10-22
; PRIOR APPLICATION NUMBER: 60/336497
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 10/196721
; PRIOR FILING DATE: 2002-07-15
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 11
; OTHER INFORMATION: n = A,T,C or G
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1-10,12
; OTHER INFORMATION: Y = C or T
US-10-342-923-1

Query Match 30.0%; Score 3; DB 20; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
|||
Db 1 YYY 3

RESULT 170
US-10-342-923-1/c
; Sequence 1, Application US/10342923
; Publication No. US20040253590A1
; GENERAL INFORMATION:
; APPLICANT: Harrington, John
; APPLICANT: Jackson, Paul David
; APPLICANT: Jiang, Li
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MAKING
; TITLE OF INVENTION: MUTATIONS IN CELL LINES AND ANIMALS
; FILE REFERENCE: ATX-004PCPN4
; CURRENT APPLICATION NUMBER: US/10/342,923
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: 10/277612
; PRIOR FILING DATE: 2002-10-22
; PRIOR APPLICATION NUMBER: 60/336497
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 10/196721
; PRIOR FILING DATE: 2002-07-15
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 11
; OTHER INFORMATION: n = A,T,C or G
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1-10,12
; OTHER INFORMATION: Y = C or T
US-10-342-923-1

Query Match 30.0%; Score 3; DB 20; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;

Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
|||
Db 10 RRR 8

RESULT 171

US-10-342-948-1
; Sequence 1, Application US/10342948
; Publication No. US20040253591A1
; GENERAL INFORMATION:
; APPLICANT: Harrington, John
; APPLICANT: Jackson, Paul David
; APPLICANT: Jiang, Li
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MAKING
; TITLE OF INVENTION: MUTATIONS IN CELL LINES AND ANIMALS
; FILE REFERENCE: ATX-004CPCN3
; CURRENT APPLICATION NUMBER: US/10/342,948
; PRIOR FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: 10/277612
; PRIOR FILING DATE: 2002-10-22
; PRIOR APPLICATION NUMBER: 60/336497
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 10/196721
; PRIOR FILING DATE: 2002-07-15
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 11
; OTHER INFORMATION: n = A,T,C or G
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1-10,12
; OTHER INFORMATION: y = C or T
US-10-342-948-1

Query Match 30.0%; Score 3; DB 20; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 YYY 10
|||
Db 1 YYY 3

RESULT 172

US-10-342-948-1/c
; Sequence 1, Application US/10342948
; Publication No. US20040253591A1
; GENERAL INFORMATION:
; APPLICANT: Harrington, John
; APPLICANT: Jackson, Paul David
; APPLICANT: Jiang, Li
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MAKING
; TITLE OF INVENTION: MUTATIONS IN CELL LINES AND ANIMALS
; FILE REFERENCE: ATX-004CPCN3
; CURRENT APPLICATION NUMBER: US/10/342,948
; PRIOR FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: 10/277612
; PRIOR FILING DATE: 2002-10-22
; PRIOR APPLICATION NUMBER: 60/336497
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 10/196721
; PRIOR FILING DATE: 2002-07-15
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1

LENGTH: 14
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: 11
OTHER INFORMATION: n = A,T,C or G
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1-10,12
OTHER INFORMATION: y = C or T
US-10-342-948-1

Query Match 30.0%; Score 3; DB 20; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
|||
Db 10 RRR 8

RESULT 173

US-10-342-761-1
; Sequence 1, Application US/10342761
; Publication No. US20040253727A1
; GENERAL INFORMATION:
; APPLICANT: Harrington, John
; APPLICANT: Jackson, Paul David
; APPLICANT: Jiang, Li
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MAKING
; TITLE OF INVENTION: MUTATIONS IN CELL LINES AND ANIMALS
; FILE REFERENCE: ATX-004CPCN2
; CURRENT APPLICATION NUMBER: US/10/342,761
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: 10/277612
; PRIOR FILING DATE: 2002-10-22
; PRIOR APPLICATION NUMBER: 60/336497
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 10/196721
; PRIOR FILING DATE: 2002-07-15
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 11
; OTHER INFORMATION: n = A,T,C or G
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1-10,12
; OTHER INFORMATION: y = C or T
US-10-342-761-1

Query Match 30.0%; Score 3; DB 20; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 YYY 10
|||
Db 1 YYY 3

RESULT 174

US-10-342-761-1/c
; Sequence 1, Application US/10342761
; Publication No. US20040253727A1
; GENERAL INFORMATION:
; APPLICANT: Harrington, John
; APPLICANT: Jackson, Paul David

```

; APPLICANT: Jiang, Li
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MAKING
; FILE REFERENCE: ATX-004PCPN2
; CURRENT APPLICATION NUMBER: US/10/342,761
; PRIOR FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: 10/277612
; PRIOR FILING DATE: 2002-10-22
; PRIOR APPLICATION NUMBER: 60/336497
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 10/196721
; PRIOR FILING DATE: 2002-07-15
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; NAME/KEY: misc_feature
; LOCATION: 11
; OTHER INFORMATION: n = A,T,C or G
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1-10,12
; OTHER INFORMATION: y = C or T
US-10-342-761-1

Query Match      30.0%; Score 3; DB 20; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRR 3
Db      10 RRR 8

RESULT 175
US-10-418-182-183
; Sequence 183, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 183
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-183

Query Match      30.0%; Score 3; DB 17; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 RRC 4
Db      1 RRC 3

RESULT 176
US-10-418-182-183/c
; Sequence 183, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 219
; LENGTH: 15

```

```

; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 183
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-183

Query Match      30.0%; Score 3; DB 17; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GYV 9
Db      3 GYV 1

RESULT 177
US-10-418-182-219
; Sequence 219, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 219
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-219

Query Match      30.0%; Score 3; DB 17; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4 CWV 6
Db      3 CWV 5

RESULT 178
US-10-418-182-219/c
; Sequence 219, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 219
; LENGTH: 15

```

QY 7 GYY 9

```
; APPLICANT: CALLAHAN, John W.
; TITLE OF INVENTION: PRODUCTS AND METHODS FOR GAUCHER DISEASE THERAPY
; FILE REFERENCE: 24,131 USA
; CURRENT APPLICATION NUMBER: US/10/706,466
; CURRENT FILING DATE: 2003-11-12
; PRIOR APPLICATION NUMBER: 09/586,216
; PRIOR FILING DATE: 2000-06-02
; PRIOR APPLICATION NUMBER: 60/137,598
; PRIOR FILING DATE: 1999-06-03
; PRIOR APPLICATION NUMBER: 2,272,055
; PRIOR FILING DATE: 1999-06-02
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc difference
; LOCATION: y=1-10; n=11
; OTHER INFORMATION: y=c or u; n=any nucleotide
US-10-706-466-5
```

```
Query Match          30.0%; Score 3; DB 18; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      8 YYY 10
        |||
Db       1 YYY 3
```

RESULT 184

```
US-10-706-466-5/c
; Sequence 5, Application US/10706466
; Publication No. US20040082535A1
; GENERAL INFORMATION:
; APPLICANT: MAHURAN, Don J.
; APPLICANT: CLARKE, Joe T.R.
; APPLICANT: CALLAHAN, John W.
; TITLE OF INVENTION: PRODUCTS AND METHODS FOR GAUCHER DISEASE THERAPY
; FILE REFERENCE: 24,131 USA
; CURRENT APPLICATION NUMBER: US/10/706,466
; CURRENT FILING DATE: 2003-11-12
; PRIOR APPLICATION NUMBER: 09/586,216
; PRIOR FILING DATE: 2000-06-02
; PRIOR APPLICATION NUMBER: 60/137,598
; PRIOR FILING DATE: 1999-06-03
; PRIOR APPLICATION NUMBER: 2,272,055
; PRIOR FILING DATE: 1999-06-02
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc difference
; LOCATION: y=1-10; n=11
; OTHER INFORMATION: y=c or u; n=any nucleotide
US-10-706-466-5
```

```
Query Match          30.0%; Score 3; DB 18; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1 RRR 3
        |||
Db      10 RRR 8
```

RESULT 185

```
US-10-833-951-6
```

```
; Sequence 6, Application US/10833951
; Publication No. US20050053970A1
; GENERAL INFORMATION:
; APPLICANT: BENSON, JOHN D.
; APPLICANT: VINCENT, SYLVIE M.
; APPLICANT: BRASHER, BRADLEY B.
; APPLICANT: MIAO, ZHENWEI
; APPLICANT: LAMMIN, DUDLEY
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR IDENTIFYING PEPTIDE APTAMERS CAPABLE
; TITLE OF INVENTION: OF ALTERING A CELL PHENOTYPE
; FILE REFERENCE: 4014,1037 US2
; CURRENT APPLICATION NUMBER: US/10/833,951
; CURRENT FILING DATE: 2004-04-28
; PRIOR APPLICATION NUMBER: PCT/US02/35584
; PRIOR FILING DATE: 2002-11-06
; PRIOR APPLICATION NUMBER: 60/357,278
; PRIOR FILING DATE: 2002-02-14
; PRIOR APPLICATION NUMBER: 60/333,262
; PRIOR FILING DATE: 2001-11-06
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: modified_base
; LOCATION: (7)..(9)
; OTHER INFORMATION: a, c, g, t, unknown, or other
US-10-833-951-6
```

```
Query Match          30.0%; Score 3; DB 21; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      7 GYY 9
        |||
Db      11 GYY 13
```

RESULT 186

```
US-10-833-951-6/c
; Sequence 6, Application US/10833951
; Publication No. US20050053970A1
; GENERAL INFORMATION:
; APPLICANT: BENSON, JOHN D.
; APPLICANT: VINCENT, SYLVIE M.
; APPLICANT: BRASHER, BRADLEY B.
; APPLICANT: MIAO, ZHENWEI
; APPLICANT: LAMMIN, DUDLEY
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR IDENTIFYING PEPTIDE APTAMERS CAPABLE
; TITLE OF INVENTION: OF ALTERING A CELL PHENOTYPE
; FILE REFERENCE: 4014,1037 US2
; CURRENT APPLICATION NUMBER: US/10/833,951
; CURRENT FILING DATE: 2004-04-28
; PRIOR APPLICATION NUMBER: PCT/US02/35584
; PRIOR FILING DATE: 2002-11-06
; PRIOR APPLICATION NUMBER: 60/357,278
; PRIOR FILING DATE: 2002-02-14
; PRIOR APPLICATION NUMBER: 60/333,262
; PRIOR FILING DATE: 2001-11-06
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: modified_base
```

LOCATION: (7)...(9)
OTHER INFORMATION: a, c, g, t, unknown, or other
US-10-833-951-6

Query Match 30.0%; Score 3; DB 21; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
|||
DB 13 RRC 11

RESULT 187

US-09-754-014-11
Sequence 11, Application US/09754014
Patent No. US20020119940A1
GENERAL INFORMATION:
APPLICANT: Jeff No. US20020119940A1dstrom
Bruce Freimark
Deepa Deshpande

TITLE OF INVENTION: GENE EXPRESSION AND DELIVERY SYSTEMS
AND USES

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FastSEQ for Windows 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/754,014

FILING DATE: 03-Jan-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/948,958

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Berkman, Charles S.

REGISTRATION NUMBER: 38,077

REFERENCE/DOCKET NUMBER: 226/284

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 11:

SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

FEATURE:

OTHER INFORMATION: The letter "Y" stands for C or T.

The letter "N" stands for any base.

SEQUENCE DESCRIPTION: SEQ ID NO: 11:

US-09-754-014-11

Query Match 30.0%; Score 3; DB 9; Length 16;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
|||
DB 1 YYY 3

RESULT 188

US-09-754-014-11/c
Sequence 11, Application US/09754014
Patent No. US20020119940A1
GENERAL INFORMATION:
APPLICANT: Jeff No. US20020119940A1dstrom
Bruce Freimark
Deepa Deshpande

TITLE OF INVENTION: GENE EXPRESSION AND DELIVERY SYSTEMS
AND USES

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FastSEQ for Windows 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/754,014

FILING DATE: 03-Jan-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/948,958

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Berkman, Charles S.

REGISTRATION NUMBER: 38,077

REFERENCE/DOCKET NUMBER: 226/284

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 11:

SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

FEATURE:

OTHER INFORMATION: The letter "Y" stands for C or T.

The letter "N" stands for any base.

SEQUENCE DESCRIPTION: SEQ ID NO: 11:

US-09-754-014-11

Query Match 30.0%; Score 3; DB 9; Length 16;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
|||
DB 11 RRR 9

RESULT 189

US-09-836-866-7
Sequence 7, Application US/09836866
Patent No. US20020123473A1
GENERAL INFORMATION:
APPLICANT: No. US20020123473A1dstrom, Jeff
Freimark, Bruce
Deshpande, Deepa

TITLE OF INVENTION: IL-12 GENE EXPRESSION AND
DELIVERY SYSTEMS AND USES

NUMBER OF SEQUENCES: 8

;;
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Lyon & Lyon
;; STREET: 633 West Fifth Street
;; CITY: Suite 4700
;; STATE: Los Angeles
;; COUNTRY: California
;; ZIP: U.S.A.
;;
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; storage
;;
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: FastSeq for Windows 2.0
;;
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/836,866
;; FILING DATE: 16-Apr-2001
;; CLASSIFICATION: <Unknown>
;;
;; PRIOR APPLICATION NUMBER: 08/949,160
;; FILING DATE: <Unknown>
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 226/285
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;;
;; INFORMATION FOR SEQ ID NO: 7:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 16 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;;
;; FEATURE:
;; OTHER INFORMATION: The letter "Y" stands for C or T.
;; The letter "N" stands for any base.
;; SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-09-836-866-7
;
Query Match 30.0%; Score 3; DB 9; Length 16;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
Qy 8 YYY 10
Db 1 YYY 3
;
RESULT 190
US-09-836-866-7/c
; Sequence 7, Application US/09836866
; Patent No. US20020123473A1
; GENERAL INFORMATION:
; APPLICANT: No. US20020123473A1dstrom, Jeff
; Freimark, Bruce
; Deshpande, Deepa
; TITLE OF INVENTION: IL-12 GENE EXPRESSION AND
; DELIVERY SYSTEMS AND USES
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
;
;;
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Lyon & Lyon
;; STREET: 633 West Fifth Street
;; CITY: Suite 4700
;; STATE: Los Angeles
;; COUNTRY: California
;; ZIP: U.S.A.
;;
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; storage
;;
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: FastSeq for Windows 2.0
;;
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/836,866
;; FILING DATE: 16-Apr-2001
;; CLASSIFICATION: <Unknown>
;;
;; PRIOR APPLICATION NUMBER: 08/949,160
;; FILING DATE: <Unknown>
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 226/285
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;;
;; INFORMATION FOR SEQ ID NO: 7:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 16 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;;
;; FEATURE:
;; OTHER INFORMATION: The letter "Y" stands for C or T.
;; The letter "N" stands for any base.
;; SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-09-836-866-7
;
Query Match 30.0%; Score 3; DB 9; Length 16;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
Qy 8 YYY 10
Db 1 YYY 3
;
RESULT 191
US-09-892-867-5
; Sequence 5, Application US/09892867
; Patent No. US20020037568A1
; GENERAL INFORMATION:
; APPLICANT: MOLENAAR, DOUWE
; APPLICANT: VAN DER REST, MICHEL E
; APPLICANT: DRYSCH, ANDRE
; TITLE OF INVENTION: NUCLEOTIDE SEQUENCE WHICH CODE FOR THE mdha GENE
; FILE REFERENCE: 203976US0X
; CURRENT APPLICATION NUMBER: US/09/892,867
; CURRENT FILING DATE: 2001-06-28
; PRIOR APPLICATION NUMBER: DE 10032350.2
; PRIOR FILING DATE: 2000-07-04
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic DNA
US-09-892-867-5
;
Query Match 30.0%; Score 3; DB 9; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
Qy 2 RRC 4
Db 14 RRC 16
;
RESULT 192
US-09-892-867-5/c

; Sequence 5, Application US/09892867
 ; Patent No. US20020037568A1
 ; GENERAL INFORMATION:
 ; APPLICANT: MOLENAAR, DOUWE
 ; APPLICANT: VAN DER REST, MICHEL E
 ; APPLICANT: DRYSCH, ANDRE
 ; TITLE OF INVENTION: NUCLEOTIDE SEQUENCE WHICH CODE FOR THE mdhA GENE
 ; FILE REFERENCE: 203976US0X
 ; CURRENT APPLICATION NUMBER: US/09/892,867
 ; CURRENT FILING DATE: 2001-06-28
 ; PRIOR APPLICATION NUMBER: DE 10032350.2
 ; PRIOR FILING DATE: 2000-07-04
 ; NUMBER OF SEQ ID NOS: 5
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 5
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: synthetic DNA
 US-09-892-867-5

Query Match 30.0%; Score 3; DB 9; Length 17;
 Best Local Similarity 100.0%; Pred.No. 0;
 Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GY 9
 |||
 Db 16 GY 14

RESULT 193

US-09-973-451-15
 ; Sequence 15, Application US/09973451
 ; Patent No. US20020132328A1
 ; GENERAL INFORMATION:
 ; APPLICANT: JACOBSON, Myron K.
 ; APPLICANT: JACOBSON, Elaine L.
 ; APPLICANT: AM, Jean-Christophe
 ; APPLICANT: LIN, Winston
 ; TITLE OF INVENTION: GENES ENCODING SEVERAL POLY (ADP-RIBOSE) GLYCOHYDROLASE
 ; TITLE OF INVENTION: THE PROTEINS AND FRAGMENTS THEREOF, AND ANTIBODIES IMMUNOREACTIV
 ; TITLE OF INVENTION: THEREWITH
 ; FILE REFERENCE: NIAD 201
 ; CURRENT APPLICATION NUMBER: US/09/973,451
 ; CURRENT FILING DATE: 2001-10-09
 ; PRIOR APPLICATION NUMBER: US/09/302,812
 ; PRIOR FILING DATE: 1999-04-30
 ; PRIOR APPLICATION NUMBER: 60/083,768
 ; PRIOR FILING DATE: 1998-05-01
 ; NUMBER OF SEQ ID NOS: 38
 ; SEQ ID NO 15
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Bos taurus
 ; FEATURE:
 US-09-973-451-15

Query Match 30.0%; Score 3; DB 9; Length 17;
 Best Local Similarity 100.0%; Pred.No. 0;
 Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GY 9
 |||
 Db 14 GY 16

RESULT 194

US-09-973-451-15/c
 ; Sequence 15, Application US/09973451
 ; Patent No. US20020132328A1
 ; GENERAL INFORMATION:

; APPLICANT: JACOBSON, Myron K.
 ; APPLICANT: JACOBSON, Elaine L.
 ; APPLICANT: AM, Jean-Christophe
 ; APPLICANT: LIN, Winston
 ; TITLE OF INVENTION: GENES ENCODING SEVERAL POLY (ADP-RIBOSE) GLYCOHYDROLASE
 ; TITLE OF INVENTION: (PARG) ENZYMES,
 ; TITLE OF INVENTION: THE PROTEINS AND FRAGMENTS THEREOF, AND ANTIBODIES IMMUNOREACTI
 ; TITLE OF INVENTION: THEREWITH
 ; FILE REFERENCE: NIAD 201
 ; CURRENT APPLICATION NUMBER: US/09/973,451
 ; CURRENT FILING DATE: 2001-10-09
 ; PRIOR APPLICATION NUMBER: US/09/302,812
 ; PRIOR FILING DATE: 1999-04-30
 ; PRIOR APPLICATION NUMBER: 60/083,768
 ; PRIOR FILING DATE: 1998-05-01
 ; NUMBER OF SEQ ID NOS: 38
 ; SEQ ID NO 15
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Bos taurus
 ; FEATURE:
 US-09-973-451-15

Query Match 30.0%; Score 3; DB 9; Length 17;
 Best Local Similarity 100.0%; Pred.No. 0;
 Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 RRC 4
 |||
 Db 16 RRC 14

RESULT 195

US-09-836-705-4
 ; Sequence 4, Application US/09836705
 ; Publication No. US20030078395A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Abe, Yuki
 ; APPLICANT: Ono, Chiho
 ; APPLICANT: Yoshikawa, Hiroji
 ; TITLE OF INVENTION: Genes from a Gene Cluster
 ; FILE REFERENCE: 01149/HG
 ; CURRENT APPLICATION NUMBER: US/09/836,705
 ; CURRENT FILING DATE: 2002-05-31
 ; PRIOR APPLICATION NUMBER: JP 2000-116591
 ; PRIOR FILING DATE: 2000-04-18
 ; PRIOR APPLICATION NUMBER: JP 2000-117458
 ; PRIOR FILING DATE: 2000-04-19
 ; NUMBER OF SEQ ID NOS: 62
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 4
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; OTHER INFORMATION: Description of Artificial Sequence: A mixed primer
 ; OTHER INFORMATION: which has a DNA sequence deduced from the amino
 ; OTHER INFORMATION: acid sequence of PK8 of Aspergillus flavus.
 ; FEATURE:
 ; NAME/KEY: modified base
 ; LOCATION: (3)..(3)
 ; OTHER INFORMATION: i
 ; FEATURE:
 ; NAME/KEY: modified base
 ; LOCATION: (6)..(6)
 ; OTHER INFORMATION: i
 ; FEATURE:
 ; NAME/KEY: modified base
 ; LOCATION: (8)..(8)
 ; OTHER INFORMATION: i
 ; FEATURE:
 ; NAME/KEY: modified base

```
; LOCATION: (15)..(15)
; OTHER INFORMATION: 1
US-09-836-705-4

Query Match      30.0%; Score 3; DB 10; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3 RCW 5
Db      9 RCW 11

RESULT 196
US-09-836-705-4/c
; Sequence 4, Application US/09836705
; Publication No. US20030078395A1
; GENERAL INFORMATION:
; APPLICANT: Abe, Yuki
; APPLICANT: Ono, Chiko
; APPLICANT: Yoshikawa, Hiroji
; TITLE OF INVENTION: Genes from a Gene Cluster
; FILE REFERENCE: 01149/HG
; CURRENT FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: US/09/836,705
; PRIOR FILING DATE: 2000-04-18
; PRIOR APPLICATION NUMBER: JP 2000-116591
; PRIOR FILING DATE: 2000-04-19
; PRIOR APPLICATION NUMBER: JP 2000-117458
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Description of Artificial Sequence: A mixed primer
; OTHER INFORMATION: which has a DNA sequence deduced from the amino
; OTHER INFORMATION: acid sequence of PKS of Aspergillus flavus.
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (3)..(3)
; OTHER INFORMATION: 1
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (6)..(6)
; OTHER INFORMATION: 1
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (8)..(8)
; OTHER INFORMATION: 1
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (15)..(15)
; OTHER INFORMATION: 1
US-09-836-705-4

Query Match      30.0%; Score 3; DB 10; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      6 WGY 8
Db      11 WGY 9

RESULT 197
US-09-903-770-5
; Sequence 5, Application US/09903770
; Publication No. US20030170780A1
; GENERAL INFORMATION:
; APPLICANT: MOLENAAR, DOUWE
```

```
; APPLICANT: VAN DER REST, MICHEL E
; APPLICANT: DRYSCH, ANDRE
; TITLE OF INVENTION: NUCLEOTIDE SEQUENCE WHICH CODE FOR THE mdhA GENE
; FILE REFERENCE: 203976US0X
; CURRENT APPLICATION NUMBER: US/09/903,770
; CURRENT FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: DE 10032350.2
; PRIOR FILING DATE: 2000-07-04
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic DNA
US-09-903-770-5

Query Match      30.0%; Score 3; DB 10; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 RRC 4
Db      14 RRC 16

RESULT 198
US-09-903-770-5/c
; Sequence 5, Application US/09903770
; Publication No. US20030170780A1
; GENERAL INFORMATION:
; APPLICANT: MOLENAAR, DOUWE
; APPLICANT: VAN DER REST, MICHEL E
; APPLICANT: DRYSCH, ANDRE
; TITLE OF INVENTION: NUCLEOTIDE SEQUENCE WHICH CODE FOR THE mdhA GENE
; FILE REFERENCE: 203976US0X
; CURRENT APPLICATION NUMBER: US/09/903,770
; CURRENT FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: DE 10032350.2
; PRIOR FILING DATE: 2000-07-04
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic DNA
US-09-903-770-5

Query Match      30.0%; Score 3; DB 10; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GY 9
Db      16 GY 14

RESULT 199
US-09-876-813-10
; Sequence 10, Application US/09876813
; Publication No. US20040002140A1
; GENERAL INFORMATION:
; APPLICANT: Gilbert, Teresa
; APPLICANT: Hart, Charles E.
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: GROWTH FACTOR HOMOLOG ZVEGF4
; FILE REFERENCE: 99-19
; CURRENT APPLICATION NUMBER: US/09/876,813
; CURRENT FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: US/09/564,595
```


Search completed: July 1, 2005, 18:17:56
Job time : 311 secs

; PRIOR FILING DATE: 2000-05-03
; PRIOR APPLICATION NUMBER: US 09/304,216
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: US 60/164,463
; PRIOR FILING DATE: 1999-11-10
; PRIOR APPLICATION NUMBER: US 60/180,169
; PRIOR FILING DATE: 2000-02-04
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(17)
; OTHER INFORMATION: n = A,T,C or G
US-09-876-813-10

Query Match 30.0%; Score 3; DB 11; Length 17;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GY 9
|||
Db 14 GY 16

RESULT 200
US-09-876-813-10/c
; Sequence 10, Application US/09876813
; Publication No. US20040002140A1
; GENERAL INFORMATION:
; APPLICANT: Gilbert, Teresa
; APPLICANT: Hart, Charles E.
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: GROWTH FACTOR HOMOLOG ZVEGF4
; FILE REFERENCE: 99-19
; CURRENT APPLICATION NUMBER: US/09/876,813
; CURRENT FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: US/09/564,595
; PRIOR FILING DATE: 2000-05-03
; PRIOR APPLICATION NUMBER: US 09/304,216
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: US 60/164,463
; PRIOR FILING DATE: 1999-11-10
; PRIOR APPLICATION NUMBER: US 60/180,169
; PRIOR FILING DATE: 2000-02-04
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(17)
; OTHER INFORMATION: n = A,T,C or G
US-09-876-813-10

Query Match 30.0%; Score 3; DB 11; Length 17;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 RRC 4
|||
Db 16 RRC 14